

20021210.qrp v02_n765.qrl.20021210

Date: Tue, 10 Dec 2002 19:03:08 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2765

QRP-L Digest 2765

Topics covered in this issue include:

- 1) [141824] RE: FT-817
by Karl Kanalz <kkanalz@gcecispc.com>
- 2) [141825] 365pf Variable Capacitor
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 3) [141826] Re: FT-817
by "Bob and Janet" <jbcraft@adelphia.net>
- 4) [141827] Re: FT-817
by "Karl F. Larsen" <k5di@zianet.com>
- 5) [141828] RE: FT-817
by "Karl F. Larsen" <k5di@zianet.com>
- 6) [141829] Re: FT-817
by "Karl F. Larsen" <k5di@zianet.com>
- 7) [141830] Airplane scatter
by "Johan Smet" <johan_smet@pandora.be>
- 8) [141831] Re: FT-817
by Richard Clem <clem.law@usa.net>
- 9) [141832] RE: FT-817
by Karl Kanalz <kkanalz@gcecispc.com>
- 10) [141833] GA all QRP
by Larry Cahoon <lejek@erols.com>
- 11) [141834] Re: [Re: FT-817]
by Richard Clem <clem.law@usa.net>
- 12) [141835] Re: The almighty S unit Was: FT-817
by Alex <kr1st@amsat.org>
- 13) [141836] Re: The almighty S unit Was: FT-817
by "Mike Yetsko" <myetsko@insydesw.com>
- 14) [141837] Re: FT-817
by "Robert M. Kimbrell" <kimbrell@sdf.lonestar.org>
- 15) [141838] Re: FT-817
by Alex <kr1st@amsat.org>
- 16) [141839] Re: FT-817 (*Long*)
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 17) [141840] FOX: Oh Dear!
by "Karl F. Larsen" <k5di@zianet.com>
- 18) [141841] FS: Ten-Tec Century 22 & accessories
by "Dave Redfearn" <n4elm@attbi.com>
- 19) [141842] Re: The almighty S unit Was: FT-817

- by "Ron KU7Y" <ku7y@tds.net>
- 20) [141843] Re: The ARRL Handbook and Questions and Answers
by "Dennis Ponsness" <wb0wao@hotmail.com>
- 21) [141844] RE: FT-817
by "John Stevens" <jwsteven@concentric.net>
- 22) [141845] Re: FOX: Oh Dear!
by Pete Burbank <plburbank@kih.net>
- 23) [141846] Re: FT-817 (*Long*)
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 24) [141847] Re: Airplane scatter
by Ed Tanton <n4xy@earthlink.net>
- 25) [141848] Re: FOX: Oh Dear!
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 26) [141849] Re: Airplane scatter
by Ed Tanton <n4xy@earthlink.net>
- 27) [141850] Re: FT-817
by "Prof. Arnaldo Coro Antich" <inforhc@ip.etecsa.cu>
- 28) [141851] Re: FT-817 (*Long*)
by "John McClain" <digi2@earthlink.net>
- 29) [141852] Re: FT-817
by Ed Tanton <n4xy@earthlink.net>
- 30) [141853] Re: FT-817 (*Long*)
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 31) [141854] ARRL Handbook
by "Juanjo Pastor" <ec5aca@wanadoo.es>
- 32) [141855] Re: FT-817
by "George, W5YR" <w5yr@att.net>
- 33) [141856] Re: FT-817
by "Terres Family" <terresfm@ncia.net>
- 34) [141857] Re: FT-817
by Scotty Wright <zydeco9214@yahoo.com>
- 35) [141858] FT-817 Discussion group on Yahoo GREAT FAQ
by Scotty Wright <zydeco9214@yahoo.com>
- 36) [141859] Re: [fpqrp] Excess parts - Sorry about previous post
by "Ian C. Purdie" <ianpurdie@integritynet.com.au>
- 37) [141860] FS: Mint Ten-Tec Omni V
by John Seney <wd1v@amsat.org>
- 38) [141861] Re: FT-817 (*Long*)
by "Mike Yetsko" <myetsko@insydesw.com>
- 39) [141862] Re: FT-817
by Bill ROWLETT <kc4atu@yahoo.com>
- 40) [141863] Re: PCB Drilling Question
by "Mike Yetsko" <myetsko@insydesw.com>
- 41) [141864] Michigan QRP Net Tonight
by kwike@gdls.com
- 42) [141865] Re: FOX: Oh Dear!
by "Karl F. Larsen" <k5di@zianet.com>
- 43) [141866] RE: FT-817 delivery

by Karl Kanalz <kkanalz@gceecisp.com>
44) [141867] FOX: Larsen's theory
by "Karl F. Larsen" <k5di@zianet.com>
45) [141868] Re: FT-817
by Alex <kr1st@amsat.org>
46) [141869] Re: [fpqrp] Excess parts - Sorry about previous post
by Dan Tayloe <dtayloe@cox.net>
47) [141870] Re: FT-817
by Ed Lawson <k1vp@grizzly.com>
48) [141871] Re: FT-817 (*Long*)
by David Hinerman <WD8CIV@worldnet.att.net>
49) [141872] Re: FT-817
by David Hinerman <WD8CIV@worldnet.att.net>
50) [141873] Active Antennas
by "Chris Trask" <chistrask@earthlink.net>
51) [141874] RE: PCB Drilling Question
by Mark Schoonover <schoon@amgt.com>
52) [141875] Visit
by "Juan Ferrari" <puntrad@usa.net>
53) [141876] Re: FOX: Oh Dear!
by <ac7a@earthlink.net>
54) [141877] Re: PCB Drilling Question
by "Mike Yetsko" <myetsko@insydesw.com>
55) [141878] Re: FT-817 (*Long*)
by KD5NWA <KD5NWA@mbayona.com>
56) [141879] Re: FOX: Oh Dear!
by "Karl F. Larsen" <k5di@zianet.com>
57) [141880] RE: PCB Drilling Question
by Mark Schoonover <schoon@amgt.com>
58) [141881] Too Easy
by Steven Weber <kd1jv@moose.ncia.net>
59) [141882] Rock mite Quest
by "Richard Johnson" <richard_johnson@credence.com>
60) [141883] FS: frequency meter, \$55US
by David Snowdon <norway@passport.ca>
61) [141884] WTB: QRP Quarterly, QRPP
by brewerj@squared.com
62) [141885] Re: Rock mite Quest
by "Karl F. Larsen" <k5di@zianet.com>
63) [141886] Re: Rock mite Quest
by Ingo Meyer DK3RED <dk3red@gmx.net>
64) [141887] Re: FT-817 (*Long*)
by Larry Cahoon <lejek@erols.com>
65) [141888] Another Fox "Rule of Thumb"
by W2AGN <w2agn@w2agn.net>
66) [141889] Re: The almighty S unit Was: FT-817
by Rick McKee <kc8aon@juno.com>
67) [141890] F.S. FT-690RII 6M QRP transceiver

by "Joe W2KJ" <w2kj@bellsouth.net>
68) [141891] FT-817 on batteries
by "Karl F. Larsen" <k5di@zianet.com>
69) [141892] Re: KARL and Yaesu
by IamSF5@aol.com
70) [141893] RE: FT-817
by Nick Kennedy <nkennedy@tcainternet.com>
71) [141894] Re: F.S. FT-690RII 6M QRP transceiver
by "Joe W2KJ" <w2kj@bellsouth.net>

Date: Mon, 9 Dec 2002 18:04:24 -0600
From: Karl Kanalz <kkanalz@gcecispc.com>
To: "'k5di@zianet.com'" <k5di@zianet.com>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [141824] RE: FT-817
Message-ID: <01C29FAD.705B85C0@KKANALZ>

Arnaldo,
Please ignore anything that the "Other Karl" has to say about the FT-817.
You are entitled to your opinions (as is the "Other Karl"), but
all-in-all, I believe you are correct.

Karl K - W8TIF
"The REAL Karl" In
McKinney, Texas

-----Original Message-----
From: Karl F. Larsen [SMTP:k5di@zianet.com]
Sent: Monday, December 09, 2002 3:57 PM
To: Low Power Amateur Radio Discussion
Subject: Re: FT-817

Hi Arnaldo, your in error in a few places:

On Mon, 9 Dec 2002, Prof. Arnaldo Coro Antich wrote:

> Dear amigo:
> The FT-817 is a nice little radio with
> many things that could be improved !
> First of all it is a battery eater second to none !!!

Not true. Compared to all the radios with full band coverage from 1 Mhz
to 30 MHz the FT-817 draws about 1/2 as much as the next best rig.

> Second... the factory included ceramic filter is way down in the performance
> that one would expect from a transceiver designed at the end of the
> 20th Century !!!

Remember that the FT-817 has a 455 KHz last I.F. and ceramic filters are not bad at this frequency.

> Operating it requires ""ground school""
> and ""flight training"" for as many hours as you would expect for a Boeing
> 737-700 !!!

Pure balony!

> BUT... it is small, has all the bands, would allow you to operate via the
70
> cm-2 meters satellites, has built in keyer etc. etc. etc.
> You can tweak the ""hidden"" menu and turn it into a much more useful for
> emergencies 10 watt rig (amazing as it may sound, the 3dB difference
means
> a lot during emergency traffic)

Prof. Arnaldo Coro Antich, my FT-817 gets too hot at 5 watts on FM 2 meters. Anyone changing it to 10 watts beware! And 3DB will gain you 1/2 a S unit.

> AND THEN you may add an EXPENSIVE set of IF filters to make it behave like a
> real radio...
> The manufacturer gives you just one filter option, either you keep the
> ceramic wide as a super-highway filter, or change it for a mechanical filter
> for CW or for SSB, but not for the two...

My 817 is for QRP use and I like CW. So I bought for I think \$120.00 a Collins mechanical 500 HZ filter for CW. It works fine!

> Someone very clever has devised the way of including the two expensive
> mechanical filters... but again you must pay for the modification...
> Reception between 500 kHz and 2000 kHz is really poor, even when you use
a
> well designed and matched antenna for that frequency band...

Please explain yourself. Does the receiver have a problem, or does the transmitter drop in power? Mine only transmits in the 160 meter

band and seems to produce 5 watts.

> Maybe in the future YAESU may want to let you listen to the emergency
> weather forecasts (most convenient when camping or sailing) because now
> the radio's VHF range is limited
> to 154 megaHertz...

The weather broadcasts in the USA are about to be dropped due to funding cuts. NOAA is not high on the food chain in the US Government.

> AH... the external power input plug is not the best option in today's world
> either !!!

It's a small standard power plug. You can get a plug that fits the socket on the 817 from Radio Shack. I did.

> Well, at the end, the radio's menus are hard to remember and rather
> illogically sequenced (sort of random sequence of functions that have
> nothing to do with the previous or the following one)

I agree. The many menus are not in logical order.

> IN OTHER WORDS...
> YAESU could certainly hire a RE-DESIGN team for the next version of the
so
> far very succesful FT-817 designed apparently for the Japanese internal
> market !!!!!

Why do you say for the internal market? The menus and knobs are in American English. It covers the American bands.

If they offer a new radio with logical menus and lower recieve power and ... I will not buy it. I am totally happy with the FT-817 even with it's faults, which are very few.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Mon, 9 Dec 2002 18:00:15 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <qrp-1@lehigh.edu>
Subject: [141825] 365pf Variable Capacitor
Message-ID: <000d01c29fdf\$1e2e0110\$4e100a0a@rohredt2000>

Another source of 356 pf variable caps found by www.google.com search:

<http://www.hobbytron.net/product591.html>

No connection, just interest in spreading news of variety of vendors.
72,
Stuart K5KVH

begin 666 365pf Variable Capacitor.url
M6T1%1D%53%1=#0I"05-%55),/6AT=' Z+R]W=W<N:&]B8GET<F]N+FYE="]P
M<F]D=6-T-3DQ+FAT;6P-"EM);G1E<FYE=%-H;W)T8W5T70T*55),/6AT=' Z
M+R]W=W<N:&]B8GET<F]N+FYE="]P<F]D=6-T-3DQ+FAT;6P-"DU09&EF:65D
5/3DP.38S-D9"1\$4Y1D,R,#\$Y-PT*

end

Date: Mon, 9 Dec 2002 19:06:53 -0500
From: "Bob and Janet" <jbcraft@adelphia.net>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [141826] Re: FT-817
Message-ID: <001d01c29fe0\$0ce9ba10\$51d73218@home.msft>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Karl,
Do you have any documentation of this?? I am sure that the ODOT as well as the
local county government would like to read this doc too....

They have been pushing for other than WX emergency data on 162.XXX WX
Channels...

00
Bob K8YS

> Maybe in the future YAESU may want to let you listen to the emergency
> weather forecasts (most convenient when camping or sailing) because now
> the radio's VHF range is limited
> to 154 megaHertz...

The weather broadcasts in the USA are about to be dropped due to
funding cuts. NOAA is not high on the food chain in the US Government.

Date: Mon, 9 Dec 2002 17:28:08 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Ed Tanton <n4xy@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [141827] Re: FT-817
Message-ID: <Pine.LNX.4.44.0212091726550.10310-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I love my 817. Arnie hates it.

On Mon, 9 Dec 2002, Ed Tanton wrote:

> Give Arnie a break, Karl! Is that 'half as much' (power use) overall? Or
> half as much on TX? Or what?

Half as much power on receive...

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Mon, 9 Dec 2002 17:29:44 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Karl Kanalz <kkanalz@gcecis.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>

Subject: [141828] RE: FT-817
Message-ID: <Pine.LNX.4.44.0212091728280.10310-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Karl K. Do you own and use an FT-817? Or are you speaking from what you have read.

On Mon, 9 Dec 2002, Karl Kanalz wrote:

> Arnaldo,
> Please ignore anything that the "Other Karl" has to say about the FT-817.
> You are entitled to your opinions (as is the "Other Karl"), but
> all-in-all, I believe you are correct.
>
> Karl K - W8TIF
> "The REAL Karl" In
> McKinney, Texas
>
> -----Original Message-----
> From: Karl F. Larsen [SMTP:k5di@zianet.com]
> Sent: Monday, December 09, 2002 3:57 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: FT-817
>
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> Hi Arnaldo, your in error in a few places:
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> On Mon, 9 Dec 2002, Prof. Arnaldo Coro Antich wrote:
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> > Dear amigo:
> > The FT-817 is a nice little radio with
> > many things that could be improved !
> > First of all it is a battery eater second to none !!!
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> Not true. Compared to all the radios with full band coverage from 1 Mhz
> to 30 MHz the FT-817 draws about 1/2 as much as the next best rig.
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> > Second... the factory included ceramic filter is way down in the
> performance
> > that one would expect from a transceiver designed at the end of the
> > 20th Century !!!
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> Remember that the FT-817 has a 455 KHz last I.F. and ceramic

> filters are not bad at this frequency.
>
> > Operating it requires ""ground school""
> > and ""flight training"" for as many hours as you would expect for a
> Boeing
> > 737-700 !!!
>
> Pure balony!
>
> > BUT... it is small, has all the bands, would allow you to operate via the
> 70
> > cm-2 meters satellites, has built in keyer etc. etc. etc.
> > You can tweak the ""hidden"" menu and turn it into a much more useful for
> > emergencies 10 watt rig (amazing as it may sound, the 3dB difference
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> > a lot during emergency traffic)
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> Prof. Arnaldo Coro Antich, my FT-817 gets too hot at 5 watts on
> FM 2 meters. Anyone changing it to 10 watts beware! And 3DB will gain
> you 1/2 a S unit.
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> > AND THEN you may add an EXPENSIVE set of IF filters to make it behave
> like a
> > real radio...
> > The manufacturer gives you just one filter option, either you keep the
> > ceramic wide as a super-highway filter, or change it for a mechanical
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> > for CW or for SSB, but not for the two...
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> My 817 is for QRP use and I like CW. So I bought for I think
> \$120.00 a Collins mechanical 500 HZ filter for CW. It works fine!
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> > Someone very clever has devised the way of including the two expensive
> > mechanical filters... but again you must pay for the modification...
> > Reception between 500 kHz and 2000 kHz is really poor, even when you use
> a
> > well designed and matched antenna for that frequency band...
>
> Please explain yourself. Does the receiver have a problem, or
> does the transmitter drop in power? Mine only tranmits in the 160 meter
> band and seems to produce 5 watts.
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> > Maybe in the future YAESU may want to let you listen to the emergency
> > weather forecasts (most convenient when camping or sailing) because now
> > the radio's VHF range is limited

```

> > to 154 megaHertz...
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> The weather broadcasts in the USA are about to be dropped due to
> funding cuts. NOAA is not high on the food chain in the US Government.
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> > AH... the external power input plug is not the best option in today's
> world
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> It's a small standard power plug. You can get a plug that fits
> the socket on the 817 from Radio Shack. I did.
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> > Well, at the end, the radio's menus are hard to remember and rather
> > illogically sequenced ( sort of random sequence of functions that have
> > nothing to do with the previous or the following one )
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> I agree. The many menus are not in logical order.
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> > IN OTHER WORDS...
> > YAESU could certainly hire a RE-DESIGN team for the next version of the
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> > far very succesful FT-817 designed apparently for the Japanese internal
> > market !!!!
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> If they offer a new radio with logical menus and lower recieve
> power and ... I will not buy it. I am totally happy with the FT-817 even
> with it's faults, which are very few.
>
>
> --
>
> - Karl Larsen k5di Las Cruces,NM Az ScQRPions -
>
>
> begin 600 WINMAIL.DAT
> M>)\^(BH`0:0" `$$`''''''!``$`0>0!@`(`''Y 0`''''''`#H``$(@ <`
> M& ``$E032Y-:6-R;W-09G0@36%I;"Y.;W1E`#$(`0V ! ``''''''0`!``$$
> MD 8`3 ,``'(``'0`''''P``, ,``'+``\.`''''''(!_P!``''''/0`''''''
> M``"!*Q^DOJ,0&9UN`-T!#U0"``''''&LU9&E >FEA;F5T+F-0;0!33510`&LU
> M9&E >FEA;F5T+F-0;0`''''>``(P`0`''''4`''!33510`''''!X``S !``''
> M$ ``&LU9&E >FEA;F5T+F-0;0`#`!4,`0`''',`_@&``''@`!, $`''''2
> M``'')VLU9&E >FEA;F5T+F-0;2<`''''`0LP`0`''!4`''!33510.DLU1$E

```

> M6DE!3D54+D- /30` `#` `Y` `L` O#H!` '@#V7P\$` `S5D
> M:4!Z:6%N970N8V]M`` (!)U\!` `/O` ``"! *Q^DOJ,0&9UN` -T!#U0`
> M` ``&LU9&E >FEA;F5T+F-O;0!33510` &LU9&E >FEA;F5T+F-O;0` ``#`
> M` /U?` 0` , \_U\` @'V#P\$` \$` Q` ``#` P!` ``L`
> M#PX!` ``@'\_#P\$` ``!1` `(K'\$Z2^HQ` 9G6X`W0\$/5` (` `\$ 3&]W`
> M(!0=V5R(\$M871E=7(@4F%D:6\@1&ES8W5S<VE0;@!33510` '%R<"UL0\$QE`
> M:&EG:"Y%1%4` ``@` " , \$` ``%` ``4TU44` ``>`,` P` 0` ``!\$` ``!Q`
> M<G M;\$!,96AI9V@N1415` `````, %0P!` ````P#^#P8` ````>` \$P` 0` ````,
> M` ! ; , W<@4&]W97 (@06UA=&5U<B!2861I; R!\$:7-C=7-S:6]N` ````" 0LP` 0`
> M` !8` ``!33510.E%24"U,0\$Q%2\$E` 2"Y%1%4` ``#` ``Y` `L` O#H`
> M` @#V7P\$` ``C` ``3&]W(!0=V5R(\$M871E=7(@4F%D:6\@1&ES8W5S<VE0`
> M;@` ``@` W7P\$` ``!1` `(K'\$Z2^HQ` 9G6X`W0\$/5` (` `\$ 3&]W(!0`
> M=V5R(\$M871E=7(@4F%D:6\@1&ES8W5S<VE0;@!33510` '%R<"UL0\$QE:&EG`
> M:"Y%1%4` ````P#]7P\$` ``#` /]?` ````(!)@!\` ````!` ````2JJPS\$`
> M@ \$` "P` ``%)%.B!&5"TX,3<` 6` (!!8 #` `X` `#2!PP` "0` 2` `0` &` `!` !T!`
> M` 2" `P`.````T@<, `D` @\$` ""!H` `0`= `0\$)@ \$` (0` ``\$1%.4)\$-T,R.40P`
> MODOW,3%"-# P,# Q,#1"1C\$Q,T-%` #` `0.O!@#,\$@\$` (@` ``L` @` !` ````
> M"P` C` ````#` "8` `0` ``L` \*O` ``P` N` ``#` #8` ``\$` .0"@`
> M5]^RWY_` "1X` 4` !` ````0` ````>`,` 0` ``L` ``!213H@1EOM.#\$W`
> M` ``"7\$` `0` ``!8` ``!PI\_?LL["UYO@`YT1U[0` ``!!+ \1/.` ``>` !X,` 0` ``
> M` 4` ``!33510` ````!X` PP!` ````%` ``&MK86YA;' I` 9V-E8VES<"YC;VT`
> M` P` &\$\$/ISSD#` ``<ONPL` ``!X` " !` ``90` ``\$%23D%,1\$\ L4\$Q%05-%24=.`
> M3U)%04Y95\$A)3D=42\$%45\$A%(D]42\$522T%23") (05-43U-!64%"3U545\$A%`
> M1EOM.#\$W64]505)%14Y4251,14143UE/55)/4\$E.24].4RA!4TD` ````@)\$`
> M\$ \$` ``"O#P` JP`\` (@@` `!,6D9U+]ZE"0,"@!R8W!G,3(U<C(,&8,Q` S` !`
> M!PM@;I\$.#\$` S,P\69F4/DD\!]P\*d` V,"&-H"L!SA&5T`M%P<GR` ``"2*@JA`
> M;F\24" P` ="%` = V#Z P-3 T%"` S` = 4\$#1]!VT"@P!0`]3[\$?]3"V(3X110`
> M\$[(8)!30KP<3` H` "D0CF.PEO,!K?^F4.,#4<"ATA'-\=Z10T_QX2` '\@3R` -`
> M` X`=OQP/\$&#\,C@EV B;Q)J\GN10T)^*_)D` J` RG=*5\GCRM4.OY0` RZD, \$H`
> M(S` `H)S='GJ; >0: G@=` ``\$U` #\%!D8W1L` K%<,EAAF&1J=3%P!1!G: 5!`
> M#F,(P#)@` S!S;F5X7Q<P![ %L` #` `G-S` %!S+&(R%% Q8&\$3%\QK\_0G@< N0`
> M,C\RHPA@,I` +@/IE,:!V.. !0#. ;##` 6(V\G\3; !*` +@&<G\31F80IA%Q!D`
> M` B` U(#3& ,= SD/D[\$2` Q,3,.4#8?-R\X/\_\` 43E\` \*` `03M` _/(XQ)` \_ ?SX`
> M/Q]` +PY0.6U"GSR.,WL"@A,08S7@2E\$SD#TP=!)I.1 @1` \$0875L%05` 4` K`
> M80G` 87!H` "!&` B\$UI"5` 9FDM?0^0. %` .+!.XT8\_,J-B/OL@<@E040(6H%\$"`
> M=S3[]4\$7` ``!T\$PB,[])STZ` -TU` !1` ", "U-X` -A.B"\$5&]5X%-U8FH%D)(T`
> M5>!\$871E.C6D_C9.KT^_4,]1WU+I,<` ](W\.(4I1.C\$+\` Y04Y]4KE)S.0\$7`
> M` 2!(/1\$D\$#6D-\_]7GUB06;]:S3B/6^\ /D&=PY0C08@JP=#@Z\$@]414"?7;]>`
> MQF@` 7]` +4'D03?#W6N` +\$6!%<S6D\*` !A/V)/_V-?6M]2_VE?:FY6` E6D5MG>`
> M.6T_,S\T06?".7\$?7K?A=Z!\$;V-U!X` ", 70\_TVP/91M+W8?!4%E0G?/-+7]`
> M<"%0"V)5\#3Q&@%[8GK` ]WL`;M\$!&@Y68` !@"?!,4.]Y@` (!-6!<@F4`\` F`
> M,8"2<!Z` 7` 8(D'=K` X#^9&C` @F(\$` = \$&\$!0` X` [VZB/0\*#Q0(0;P5"%R\$2`
> M\@U6\&T+45;P(\$,Z7.I<53!039%M3>` #\$` >0389P30W@` V!S;P&` (*Y/\` 2` -`
> MX(&P7(@F10#` ]0,0+DH@='^0%Q![\_` #2A[65R>` %` @,%N,= : \ (G\$/4SD8P,@`
> M\$0,` @` 60;`,` _02%&` ``YP-6",4@&0` ``",XO^"L7G!` '<&,41;@#W` ``\$8`\PS0`
> M` 9` @+AH2C\$@.4(T""TT@>U""-?XZ/CY\ /P\$8` !8&WD3^23Y-?;&C` 1@!LD/_`
> ME;^6Q2F/S"5` E)^9?Y:T^&(@\*` *1FI^,DU>` F\$\_G0^>` Y\OC,!A\$*!RC4^A`
> MW` ^B[X` *` "@?Z7` IP^H` XS` W4` I/^JCZN?K\*0\*^0,P>K]K>\ \T57L` &\$X`

> M0\$H@+'\'*A7[0/1 3<30`\$U :\'#Q`'!Y=&@]0K;@5N"W,<L3@&S 9)@<76%
> M'!.]D^WD07 2PK "5&W]SSPTTGPMs!O(\$6 >;:@!N!#95"W@T94+3AA`"[]
> MN<!9"&"VH+!:><%,<#&@BS2@NB%Y"&\$@;W +@/9I`B \$("BY\00`MX^XGV&&
> M(2DL(&*ZP0= ; -HM"X MP0' H\$G L&6@?PB03*&]';OS!:\$:\+*0+0*A0J%
> MN.*XT ,P@,%)\$W0P"!7.%1)1@J&OJA"5+YA4D5!3+C?A?F[D\$EN"H6Q9+(O
> MLS\%0+![36-+"X TX'G H']_,4GPPVP:(C1R-2 2\F+(:VUKKG,@7WH`Q#1
> M5M%A?2W/HD\S\0N SP= != 'D\$6 9V7/H\B;_['&8/]ZGVX_;T]E/V9/9U]?
> M:&S-EU6C#(+&\$-\$:[D\$P#%O(#H%M33510.N1K-3TP0'H',#3@PT#FY!::!M7=%/
> MTE1L/]//U-__;V^SOXP1244U(9@`C#;M/W-B\$T"(",3@S"% ,T(A@!M!YOW\$P
> M.<"@`= 3H\$M@.00U-TU 3<T8Y5=6`>8]WDS@\\$U X/"_<4\$`P%;P[;TA4CTA
> MNC!\$! !YD 00_[V1Z3_EP595YCU?T'/1NT/_WF^R#I?M"K(G_)?RKX*A?Q(
> M:>P0M/6\]'\'!) #8#_Y4Y<0\$% 'X M1B&!S.0W#;\$\#H.<AP*!Y4060Z&/[
> MP*`&D6:[D+3EAD %L+HPYD&\41;0(' <#8%;QS\*WW]5\_V;\LV/DS!"L&&X#0`
> M_U80_Y\`KP&\_QJ.[ -+X2EQ"[K0"(8"#7\$!\$` ,: @37#_[(6<+= "H4"L!6Q
> MNG"VX_^^,K=APN!-\$#2@P>"V,(7@)Q&@UW TH"\$))X<0%P"%\$/_]0,#RMC"%
> M\$ =S2> 1`#K@\_[IP/1 .`;I PR#G;H2\$U"_-. +T ^@PVPU0+=Q<A00_[N0
> M_@"%X,*A0+,-\$KY2"(/_0@`(X0I 31",`\$G@#0"X#]?=\#!^D!5L3UP>?!H
> M>FO#QKHA,^<!2!40NO@@S>)@88,PNH4Q+^B@N?'^;9#03="Y\KYA-.+!T0RQ
> MOTC1NY#H#; DGY> .TBX;H'^^0TSP!,#YT+IP?P"+\`7\_KR 3T10A`S#H-_P
> M32"_<?^^ (6L0NG!_T?`?P&^4H(@=X31-6\$<L&4)) [=##V)W_PK3-/"(3
> M%'27\$#/#@`<# [2!E3)' [P*@[6"V4+RA? [=EQ,\$,TKY1"2=Z@!,A0_]YP;T@
> MNG /K]0#7]!YL.?CO[='!P6YXI<0XU!5\$ \$L6\$/ZH RQ22[<81.S'44#A? \=
> MM V1MH\$ \$<!D1\Y CI+XAS12 9;EP,&!C>1F^`K#^3Q]15N]0@U1+9(,D/K0
> M>" B(GU NK .\>T@:+V\$&PPD DG\$[(PD&;7\$/](\B)A07%<T#`0^D#YT1?R
> M_PG",4"] (V10@#`8B\$L,\(X(\$)O(L!<T DG-S.X-RTWV1 F'R<D4+T@:X8P
> M2>!L2C!Y#T"L\$+L550;H@U4<XDPP8(I\$_L2)1.B<\"@ (23!`>N1PF+_NB&]
> M4"]2AC""8")!OF\$WH(\$))V-M+>B@>; K\T6 _U;PP1 -4/K0/"3 P!W!^6+M
> M1=!YOW&%4&.[D\$, '"2?/N*#4! [QZ^!A:[Y#,) #_MO!,4"W0,X%YL;0A#0*]
> M(. \>P4)2\$>(8%&VV<NU 3.#0"N SH@DG)Y%RT- <L,(0?[X`3 %K\$ WP&7*L
> M\$,18?_="^A0?)YX(DPNG" T#H#AH"@OE(S9\$(6X&F(L`^+`1_10)\$B@3&H
> M" "%`63\_02 ODDF6">\$(@ (BRFO X`^ \Y(?T__D7 H&VZ< <%T-#^+=H"NC Q
> M0,#A>>!0\$J"G[X`7I#_CP2/!9]&3>A@_T"54D&VP]B_I":02^5NB%02E5!
> M?I@PJ\$A_D\$CD#/N1\$T@". -(6=^E8/5Q__RK["8A>SY=!(4*[PPTX))XA!
> M3D3J4\$A%3L)3CTP2\Y CD?(`15A08X#P4TE610ZA#/,%<"NW_[HAB3!"H U"
> MP>"YX,(QUQ#]9K%A"2<MD-!1" (,;H0DG^ \:R";%U'"(Y4?0 T"#7</\TY/.R
> M(-,=M;U00&#(\ (B+ _[]3PF)"H'+@)(L=-EZ1MI'I#9)S=1]1+;;P=P`>40\=
> MM,"@^=%:8V;#-A1YL%IBGX>0T%\$=M DG,[]#5W\$R\3.R4U-"P*0L@C.R0E)W
> M1/!I"2;*3;IP!S4SLE'\4E!(4BJ#P<!G@W10NY#^4[HPP<&ZL/02,[+!P+;B
> MTT4P784D,9G@+C>QE Q_@!!4;VQ<GDU-[%(6M\=IG04R%&(`"\$@<LZ0': '?
> MS !<0&&_&N418&4/8A01_[IPB_#78?0 N>*O(#\@2' #_0+&^81Y2#.\$<I+<\$
> M=B,A<_`^N8"+1"2ARCEG &[' PUTS_V.S:Y)=L'"A==5(\$ \$U!<M'_;*)I&0!
> M(K!LD'\11/'<T?U]XFL6\$1.RZ`&,HGXP0B'U:')LNG!P,5!Q\$==A\@#^=[])@
> MB'1X\PDG10`-(2,H\_P[Q[#`^D)%#N:##+\H/Q==/_MV\$MAQ.3=G\X]+7D(8'Q
> MT^N)`DAP;%(Q1#:# 0C3#?BQ&<S*5 +<;E0Y)!Q(UV%_QZ0ES4B8P,P#?(6
> MX3Z@^6+[CG#KX3_0<-<A(-&.02)BYJQ0@>#)\$VVU! H\/&_Q.C\$[](<.>0
> MN@,+<4\P!^'0555AKPE%SQ!Y"R(>)\$B0PVJ"N[!!15-53 ,>4/^PX+H2UU#FT
> M,,)BUQ#ST-S1_ULA(^-/MI)02"_8DC1PR#_*@&]P4@!#+\$.T8[APA"D4?^/
> M(WV@`V ODOG1T+##/,`^2?BG!T7V@>/)><2)" &4G^;X`5DAEP")Q<;\*^`-<0

```

> MSYJQ"[ @"%LQ-31 D5TP\DCYH'1ZE"]=_U\RR?OV\,&PJ<VXD!O\Y"G]![E
> M^%530<*3NI5;;, LAFR+_ 'U CD$P=B%;, +"/L9_*OC](D#FT@+Y+M,*"Q$*!/
> M0?^U\XA+()P0E7"&^,Q4!/1YPJ \?&U9R!'% *<X.7Q^Z#?8K9(&Z88\;\!
> MT%&;H_WY87"V@?J0>I"\1CS#&4+_;(0>TXGP9 "LX7]Q/;!)" /]M%#?OV\_-
> M0*SA;\$[XC$0_\ZPYT&XL<(DPN)9T$1V5%%_F'++"\I+TG0(5-CS13%!COT*@
> M(,(\LP<R%( /LI%,*@+_ ,P'\A33$;D+^/"517D*_ '_Z% CN$RDK)9&0BPD"H"X
> ML?];(2V0)Z43LC[1M'$))USQ_F]:H'VACD%(<"VS"[%+`?],4*^P#-(B<1Z0
> M(B#6-@S2_[LA->#M<0I5F#())RR!"A+_I9+]T1,#'Q,MD#\@MG!5L?]UY$C0
> M/>*J`P]Q4,_ 'TH@A_RV0$2%IU600TI@L@0'QU95;<3&0X'+//PE%26.03X5C
> M85+0H$]21%-I&0^CE K$'3%WD/'PCD%%L+8BD>R012U$H[!]1V.0_S[P2S!U
> MMQCC%!'M8B153$'0<X@"\8(C;^!C^L%(DA:&OR,WMT L0:10CD%UQDKL@/\)
> MP/K0HI+!M DI?Y!E4<:A\;/=Z%7!:!YR:S.J<(E(0^Y&[T6;\&G3TJ0.\6NX
> M\ .YB+"2X! ?H!04FA<M%D@?M:D*4Q:'\C$_ ,8A/77/0/_&;['M"1SA )-<0>2
> M6_ (>?_A)_/X/?&T@9>A2A!G4;@%0\ (D$[(;HGI07. ,L@W4<@?^_8-[R(B!;
> M(-[ CC(*@+= _Z01VV;KA8[3N 43'PU0K.'_' " *X%1P/5%%L!A"HV&"(_U-
> M<'<9M[A_N8]8EP7/!M_S!^\"(]"TM$#8-#PUC#*_ ;#6,,@$N>D!. 3)Z0C\"=
> M0H$USC 0,40 0W*@(94]0$Y9,$$5$%-C>+$5V0,M".9[LY J7&)L:VU"H$:A
> M7Z)0JI!$R4$087T(YGT`%4 5< `#`! 0`''''',`$1`''''`P" $/_____]
> M``<P8'@Q;-^?P@% ``@P8'@Q;-^?P@+$+`"" &`''''`#`''''`1@``
> M```#A0`''''''',`H (( 8`''''',`''''''!&`''''!%"`''''`P`%
> M@ @@!@`''''`P`''''`$8`''''`4H4``+<-``>`"6`"" &`''''`#`''''
> M`''`1@`''''!4A0``0``0``X+C``P`F@ @@!@`''''`P`''''`$8`
> M`''''84`'''''+`" ^`"" &`''''`#`''''`1@`''''`.A0`''''',`
> M,( (( 8`''''',`''''''!&`''''!&%`''''`P`R@ @@!@`''''`P`
> M`''''`$8`''''&(4`''''`>`$&`"" &`''''`#`''''`1@`''''`VA0``
> M`0``$`''''''@!""@ @@!@`''''`P`''''`$8`''''`-X4``$``!
> M`''''''!X`OX (( 8`''''',`''''''!&`''''`#B%`''''!`''''`0`''''
> @``>`#T`0`''4``!213H@`''''',`#33]-P``)%F%
>
> end
>
>
>

```

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

```

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Date: Mon, 9 Dec 2002 17:32:00 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Bob and Janet <jbcraft@adelphia.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [141829] Re: FT-817
Message-ID: <Pine.LNX.4.44.0212091730320.10310-100000@bucket.dog>
MIME-Version: 1.0

```

Content-Type: TEXT/PLAIN; charset=US-ASCII

This projection is based on discussions with NOAA people at our Santa Teresa weather center in New Mexico but close to El Paso, TX.

On Mon, 9 Dec 2002, Bob and Janet wrote:

> Karl,
> Do you have any documentation of this?? I am sure that the ODOT as well as the
> local county government would like to read this doc too....
>
> They have been pushing for other than WX emergency data on 162.XXX WX
> Channels...
>
> 00
> Bob K8YS
>
>
>
> > Maybe in the future YAESU may want to let you listen to the emergency
> > weather forecasts (most convenient when camping or sailing) because now
> > the radio's VHF range is limited
> > to 154 megaHertz...
>
> The weather broadcasts in the USA are about to be dropped due to
> funding cuts. NOAA is not high on the food chain in the US Government.
>
>
>
>
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Tue, 10 Dec 2002 01:31:11 +0100
From: "Johan Smet" <johan_smet@pandora.be>
To: <qrp-l@lehigh.edu>
Subject: [141830] Airplane scatter
Message-ID: <EIELKLLAKHJMDPPKMKALMEHJCLAA.johan_smet@pandora.be>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gents,

Anyone tried Doppler tracing on HF/VHF? See
<http://www.qsl.net/g3cwi/doppler.htm>

73,

Johan ON5EX

Date: Mon, 09 Dec 2002 19:21:42 -0600
From: Richard Clem <clem.law@usa.net>
To: <qrp-l@lehigh.edu>
Cc: <Hal553@aol.com>
Subject: [141831] Re: FT-817
Message-ID: <200212100123.gBA1N3oH032689@rain.CC.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Santa (in cooperation with my XYL, AES, and UPS) delivered my FT-817 last=
week, and I now consider it my main VHF rig. I'm having a blast with it.=
=

I've been on QRP with my MFJ-9040 and other rigs, so I know what QRP will=
do. =

What has surprised me is how well it does on phone. Using fanned dipoles=
at
about 20 feet, my best DX so far is 2 Russians, one of whom gave me a 56.=
=

Yesterday, I worked a few solid CW QSO's mobile into a Hamstick on 20.

Last night (running into the same HF dipoles, by the way), I worked my fi=
rst
ever 70cm QSO, and my first 6 meter QSO in about 20 years (the last one w=
as on
a Gonset communicator).

For what it is, I think it is a great rig. =

Some of the negatives have been raised by others, and let me address some of them:

It only puts out 5 watts. OK, so that hasn't been raised too much on this list. At some point, I'll probably try my hand at making an amp. But for the time being, it seems to work. (BTW, I'm not the most qualified technical type, but I would hesitate before tweaking on it to increase the power output, even if it is possible. Squeezing even 5 watts out of such a small box makes me nervous.) (Also, I'm not sure whether this rig would be a good "first-rig" for someone. My first reaction is that a new ham might be better served by something with more power, although I could probably be convinced otherwise.)

It seems to draw more current than it ought to on receive. This isn't a really big problem for me. While I enjoy very much operating portable, I'm usually not very far away from AC or DC power. At the very least, I can haul batteries to where I want to operate from. I think it's expecting too much to have a radio with all of these features operate for long periods of time from an internal battery.

It doesn't receive NOAA weather. On the other hand, it does receive the AM and FM broadcast bands, including many stations which broadcast weather reports. If you really need to receive 162 MHz, I recall that MFJ had a gadget that clipped between a rubber duck antenna and handheld and converted this range to 2 meters. If NOAA weather is that important, I'm sure such

devices are available on eBay. If not, it seems to me that a single oscillator on about 20 MHz placed next to the antenna would be sufficient to work as a converter.

The receiver does not work very well outside the ham bands. What I've no-

ticed

is that the reception below the MW broadcast band is non-existent; the broadcast band itself is good in spots, but strong local stations wipe it out

completely in other places; images seem to be a problem in some places (for example, I was hearing what seemed to be 75 meters on about 2.5 Mhz); one

strong FM broadcast station just isn't there for some reason; etc. On the other hand, from the listening I've done on some of the international broadcast bands, it seems to be more than adequate. In my opinion, having the

expanded receive coverage is very handy, although I did not expect it to have stellar performance outside the ham bands. If you are buying this radio for the AM-FM radio, you will be sorely disappointed. If you are buying it for a

great QRP rig, the built-in AM-FM radio might come in handy someday.

The knobs/buttons/menus are too small/confusing. I've only had this radio since Thursday, and I've figured out most of the features so that I can run

them without looking at the manual. Some of them (for example, memory, scanning, etc.) I haven't really tried yet. It can take more time than you

would like to switch some features (e.g., change keyer speed). However, this

radio is SMALL, and there would simply not be enough room to have dedicated knobs and buttons for every feature. Some sort of menu is a necessity, and as

far as I can tell, Yaesu did a good job of making them fairly easy to navigate.

There are things that I would have done differently. For example, one thing that is confusing to me is that the knob that is normally used for fast QSY is

the same knob that is used for the RIT and/or IF shift. Without realizing that I didn't have it set properly, I grabbed this knob in order to "fine-

tune" a station with the RIT or IF shift. Instead, I QSY'ed 10 KC or so and

lost him. So, if you are looking for a perfect radio, I guess this isn't=

the
one.

I probably forgot some other flaw that this radio supposedly has. But on balance, I think this is a marvelous rig, and I expect it to remain my main HF (and VHF) rig for quite a while.

But I am still amazed at what this radio will do for the size and for the price. If you don't expect it to do everything (after all, it is a QRP rig), you will be amazed to discover that it does ALMOST everything!

73,
Rick W0IS

Hal553@aol.com wrote:

Santa has told me that he will bring me an FT-817 for Christmas. I just read =

a lukewarm review on the FT-817. I always thought that this would be a =

perfect rig to use at the beach and when travelling. I would appreciate any =

feedback happy or unhappy FT-817ers could give me.

Thanks
Hal Clagett
KB3HAA

Date: Mon, 9 Dec 2002 19:27:02 -0600
From: Karl Kanalz <kkanalz@gcecispc.com>
To: "'Karl F. Larsen'" <k5di@zianet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [141832] RE: FT-817
Message-ID: <01C29FB8.FBECE380@KKANALZ>

Yes, Karl "L", I do.....with all the filters as well!

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: Karl F. Larsen [SMTP:k5di@zianet.com]
Sent: Monday, December 09, 2002 6:30 PM
To: Karl Kanalz
Cc: Low Power Amateur Radio Discussion
Subject: RE: FT-817

Hi Karl K. Do you own and use an FT-817? Or are you speaking from what you have read.

On Mon, 9 Dec 2002, Karl Kanalz wrote:

> Arnaldo,
> Please ignore anything that the "Other Karl" has to say about the FT-817.
> You are entitled to your opinions (as is the "Other Karl"), but
> all-in-all, I believe you are correct.
>
> Karl K - W8TIF
> "The REAL Karl" In
> McKinney, Texas

Date: Tue, 10 Dec 2002 00:29:26 +0000
From: Larry Cahoon <lejek@erols.com>
To: qrp-l@lehigh.edu
Subject: [141833] GA all QRP
Message-ID: <5.1.0.14.0.20021210002144.026591c0@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

They keep falling. Over the weekend it was GA all counties QRP. Ray - WG6X/M was out running counties this weekend and sent me an e-mail before he left. So Saturday morning it was Echols county at 3 watts from my K1 in my mobile. Sunday morning it was Evans county at 500 mWatts and then about an hour later it was Screven county at 500 mWatts. Those three counties finished off GA all QRP. It was a shame I had to catch him in Echols at 3 watts as that left Echols as the only county in the state I have not worked QRPp. Average power to work a GA county - 350 mWatt.

54 counties in 20 states to go.

Now the disadvantage was that Echols and Evans were two of the last five I needed to finish USA-CA for the second time QRO. How many more can I get QRP before I get the final three for 2nd time?

Which one will be next? de Larry.....WD3P
<http://www.wd3p.net/>

Date: Mon, 09 Dec 2002 19:34:50 -0600
From: Richard Clem <clem.law@usa.net>
To: Richard Clem <clem.law@usa.net>, <qrp-1@lehigh.edu>
Cc: <Hal553@aol.com>
Subject: [141834] Re: [Re: FT-817]
Message-ID: <200212100136.gBA1a3oD004033@rain.CC.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Oops....

I meant to say that I consider it my main HF rig, although it's also my main
(only) VHF rig.

Richard Clem <clem.law@usa.net> wrote:
> Santa (in cooperation with my XYL, AES, and UPS) delivered my FT-817 last
> week, and I now consider it my main VHF rig. I'm having a blast with it.
t. =

Date: Sat, 07 Dec 2002 00:51:49 -0500
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [141835] Re: The almighty S unit Was: FT-817
Message-ID: <3DF18C75.6829CE14@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Karl F. Larsen" wrote:

> > You can tweak the ""hidden"" menu and turn it into a much more useful
> > for emergencies 10 watt rig (amazing as it may sound, the 3dB
> > difference means a lot during emergency traffic)
>
> Prof. Arnaldo Coro Antich, my FT-817 gets too hot at 5 watts on
> FM 2 meters. Anyone changing it to 10 watts beware! And 3DB will gain
> you 1/2 a S unit.

Sometimes I think we as QRPers are downplaying the role of the S unit too much. The S unit is not just a simple movement of the needle. The 3 dB or half an S unit difference may not sound that much, but it may increase the signal to noise ratio on the receiving end just enough to make an unreadable signal readable.....or am I wrong?

Sorry, I have no book reference to prove this (but I may actually l@k this one up), nor do I have 40 years worth of hamming experience under my belt.

Btw, I hear they invented a new pouch for this lil critter.

73,
--Alex KR1ST

Date: Mon, 9 Dec 2002 21:23:49 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <kr1st@amsat.org>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [141836] Re: The almighty S unit Was: FT-817
Message-ID: <008901c29ff3\$2ec00280\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

While the 'technical' spec may be 3db not meaning much, so much of the time as QRPers we are down in the mud, and the 3db of signal increase can make a lot of difference, even if it is just a half S-unit.

Some people seem to get too hyped up over specs and how their calculators tell them things should work instead of just listening with their ears.

Mike

Date: Tue, 10 Dec 2002 03:05:35 +0000 (UTC)
From: "Robert M. Kimbrell" <kimbrell@sdf.lonestar.org>
To: Hal553@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [141837] Re: FT-817
Message-ID: <Pine.NEB.4.44.0212100256500.23789-100000@otaku.freeshell.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 9 Dec 2002 Hal553@aol.com wrote:

>
> Santa has told me that he will bring me an FT-817 for Christmas. I just read

I agree with Arnie on every point yet the rig is a blast to use portable. Last weekend I operated pedestrian mobile on 17 meters from a hamfest in Arizona. I worked 12 states plus 6Y5 while walking around the hamfest. All that was on the internal batteries (1800 mah AA's NiMH from Wal Mart). The rig will only run about 30 minutes on Alkalines but I get 3 to 4 hours on the NiMH's.

Bob Kimbrell W7KU Kingman, Arizona
kimbrell@freeshell.org
<http://kimbrell.freeshell.org/>
SDF Public Access UNIX System - <http://sdf.lonestar.org>

Date: Sat, 07 Dec 2002 02:11:19 -0500
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [141838] Re: FT-817
Message-ID: <3DF19F17.89895152@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ed Tanton wrote:

> I personally
> believe nobody builds 20 watt transistors into 5W rigs... and I don't
> blame them.

They may very well put 20 Watt transistors in 5 Watt rigs (maybe not 20, but 10 Watts wouldn't be all that far fetched). One reason to use transistors rated for higher power is to reduced the size of the heat

sink. Larger transistors can dissipate more heat than transistors rated for lower power. Using a larger heat sink is more expensive than using a higher rated power transistor, and of course it makes the rig larger.

Also, when you use transistors rated for higher power than needed you prevent the situation where you operate the transistor within the tolerance margins of the specs.

The IC-718, a 100 Watts rig, actually uses transistors that can generate up to 200 Watts of RF.

Speaking of batteries, this computer needs a new one.

73,
--Alex KR1ST

Date: Mon, 9 Dec 2002 21:26:18 -0600
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [141839] Re: FT-817 (*Long*)
Message-ID: <200212100326.AA00736@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

Sure, *no* radio is everything to everyone, but IMHO the FT-817 isn't *nearly* as bad as some of the pundits here and elsewhere make it out to be.

Before I begin, suffice to say that I *really* like my FT-817. View what I say with that in mind -- I'm *not* entirely unbiased here. :-)

OK, I've operated a good number of rigs in my 25 years of amateur radio. Everything from vintage tube gear to some of the (at the time) hot-shot rigs of the late 70s, early 80s, homebrew stuff, mil surplus, etc. I could get by with most of the stuff I've run in the past today (OK, except for that National NCX-3 transceiver I had for a while... :-)) and be more or less happy with it. *Every* rig has its good and bad points. As long as the good points outnumber the bad (and you can live or compromise to get around the bad), a rig is, IMHO, a good one. Yeah, you can nitpick any rig to death, but if it'll get the job done, where's the problem?

Now, to cases. I don't operate a lot of portable, so the battery drain is not a big issue for me. If I *did*, a small gel cell is cheap

enough, and provides plenty of juice. Those who claim the FT-817 eats batteries, well sure, transmitting at full power, you're not going to get that much out of 8 AA alkalines. Nature of the battery. Substitute an internal NiCd pack, and you get some more. On the other hand, assuming the finals are 50% efficient, 5W out takes 10W in for just the finals alone. Basic physics dictates that you're going to be drawing something over an amp on TX *REGARDLESS* of the circuit. With a 1.5AH pack, you've got about that many hours of key-down time. Using the oft specified 30% duty cycle, you're up to 4.5 hours, assuming, of course, the rest of the circuitry draws next to nothing (which in the case of the FT-817 is not the case). Anyone expecting to run any great length of time transmitting with a 1.5 AH pack with a commercial QRP rig is something of an optimist, IMHO.

On the other hand, I *do* take my FT-817 on the road with me, with some fresh AAs installed, to use in receive only applications. Best hotel room boredom beater I know. :-) Depending on how much I listen, I probably average 3-4 evenings of amusement with high capacity alkalines, and at least a couple with cheap-o ones. Shoot, if one turns the power down to 500 mW, you *can* squeeze in a few hours of casual operating without sucking the batteries completely dry.

For people out wandering the countryside on foot or whatever, I can see where they'd want WX radio coverage, but I'm not *that* convinced it's *that* much of a "must have". Besides, if one is in range of a WX station, they are also, in all likelihood, in range of a commercial BC station that will give you all the forecasts, conditions, and warnings. The only thing is that you'd have to tune around for a few minutes to find said commercial station. You're sacrificing convenience here, but, IMHO, that's about it.

The receiver *isn't* "contest grade", but it isn't bad, either. The noise floor is a bit higher than I'd like, but it does hear well. I've done some more or less heavy-duty contesting with mine, and with the 300 Hz INRAD CW filter, it's capable enough. The wide filter isn't so hot, but for casual SSB work, it's not so terrible. They had to compromise with the bandwidth to be able to offer AM that doesn't sound like it's coming from a speaker stuffed with old socks. :-) The extra CW filter is just about a necessity for anything but the most casual CW operating, and pretty much a *must* if you like to ply your trade on 40 or 20m. IMHO, the 300 Hz filter is the way to go. I've looked at the response curves at length, and the 300 Hz has a nice shape, with enough skirt selectivity to cut the crud in all but the worst crowding. The 500 Hz filter Yaesu offers is not worth the money, IMHO, as they specify a 4:1 shape factor. The 500 Hz INRAD is better, with a 2:1 shape factor, and probably the best compromise if you don't like your CW filter too tight. As I say, I prefer the 300 Hz INRAD on a performance basis. It makes a decent

CW receiver out of the thing. :-)

The extra filter is a plug-in, and there's only one space. Since I don't do that much SSB operating, it doesn't bother me. If I were going to run in a phone contest in a more or less serious fashion, I'd get one of the better narrow SSB filters, and swap the CW filter out for the duration of the contest. It'd take less than 5 minutes. I don't spend any great deal of time switching back and forth between CW and SSB in any event, so this is an acceptable compromise.

I found the menu system easy enough to get used to. Sure, the buttons and knobs are small (and my hands are large). I don't have any great trouble operating the features I need, and band switching, mode switching, engaging the RIT/passband tuning, etc., are often as not done by feel, more or less. I don't have to look more than to see if my fingers are walking in the right direction. :-) The thing that takes the most fiddling is switching back and forth between the menu frame that has the split VFO functions and the panel that controls the "IPO" (really a pre-amp), attenuator, and wide/narrow filter selection. These are the most used functions here, and it'd be handy if they weren't separated by several less used menu panels. One neat thing I discovered is that if I set the keyer speed, I can get back to that at *any* time thereafter by holding the "F" key down for a couple seconds (two beeps). This makes QRS/QRQing convenient.

The one thing I find somewhat annoying is that if one tunes outside an amateur band, and then changes bands, when you come back, the band position that gives WWV on 15 MHz disappears, or rather is replaced by where you were outside the ham band. For example, say I tune up past 7.300 MHz to check some of the SWBC stations and leave it there. Now, when I change bands and come back up, I get 40m, and the next step up gives me where I was above 7.300 MHz, *then* 30m, etc., but no 15 MHz WWV. This is a bit of a pain. I just have to make sure if I tune outside the band limits for a particular ham band that I spin the knob back inside the band before changing bands.

In sum, is it "perfect"? No. Is it good? *I* think so! :-) With a good CW filter on board, it makes a dandy, compact HF QRP rig. Good enough for primary HF service for any but the most demanding op, IMHO. It's pretty good on VHF/UHF as well. Better in some regards than my IC-271A full-featured multi-mode 2m home station rig. It cuts a nice swath between a full-featured "contest grade" HF rig and the "travel light" specialist backpacking/portable rigs, plus does a nice job on VHF/UHF as well. A *lot* to like, if one can avoid getting caught up in nitpicking... :-)

72/73,

Todd, AG0T

Date: Mon, 9 Dec 2002 20:47:20 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-1@lehigh.edu
Subject: [141840] FOX: Oh Dear!
Message-ID: <Pine.LNX.4.44.0212092035160.10593-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I went to the web page and then to QRZ and discover I can spend the entire 2 hours next Thursday on working Ron W8RU who is in MI.

The second Fox is David WD7Z who moved to Tijeres, NM to make certain I can't work him. Tijeres is almost exactly the same number of miles from me as is Tucson, AZ, and I heard not a single sound last Thursday, and that Fox did not hear me the Thursday before. There are 3 Fox stations that are about 200+ miles apart from each other and it's likely we will never work each other.

200 miles is too close for skip and too far for ground wave.

As Bill Gates said again: the world is not fair, get used to it.

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Mon, 9 Dec 2002 22:41:37 -0600
From: "Dave Redfearn" <n4elm@attbi.com>
To: "Low Power Amateur Radio Discussion \ (E-mail\)" <qrp-1@lehigh.edu>, "Ten-Tec Mail list \ (E-mail\)" <tentec@contesting.com>
Subject: [141841] FS: Ten-Tec Century 22 & accessories
Message-ID: <0000001c2a006\$6cec7940\$016fa8c0@Pavillion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For Sale:

Ten-Tec Century 22 HF Transceiver

Covers 80, 40, 30, 20, 15, & 10 Meters
Direct conversion receiver, analog dial,
Runs about 20 watts output CW.

Includes optional # 226 crystal calibrator,
matching Model # 979 Power supply, manual, and box.

Radio is in very good condition, everything works,
minor wear on the case, front panel is very clean

The dial cord has been re-strung and the PT0 re-greased recently.

Asking \$350.00 shipped to the US

73 - Dave

=====
Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKattbi.com (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Mon, 9 Dec 2002 21:37:42 -0700
From: "Ron KU7Y" <ku7y@tds.net>
To: <kr1st@amsat.org>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [141842] Re: The almighty S unit Was: FT-817
Message-ID: <001f01c2a007\$56130ee0\$219eaad8@ku7y>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Alex and All,

You have it right..... half of an "S" unit **CAN** make the difference between
being heard and not being heard.

On the other hand..... it's not very often that we have a rag chew with someone
who is only 1/2 of an "S" unit above the noise! As a rule there is a little QSB
and the noise moves up and down a bit too. So if you are only 1/2 an "S" unit
above it, chances are that you will, in reality, be in and out of the noise.

While I enjoy QRP very much and have for about 50 years I also like knowing that I can twist the knob on the rig and go all the way up to 100w. That gives me a 13 dB gain over 5 watts if my mind is working right tonight. :-) That is 1 dB over 2 "S" units. (All this 'assumes' that all S meters are the same and we all know that that isn't the case at all!).

The point here is that if I thought I might need to use the rig in an emergency situation, I think I'd turn it up to 10w or whatever the max is. I'd have to watch that I didn't use more than the "normal" 5w but at least it would be there if needed. And if it were a true emergency who cares what happens to the rig anyway?

But here's one little observation..... in my 50ish years of operation, I have never used a rig of mine in an emergency situation. Oh sure, I have done my share of "Health & Welfare" messages during fires, earthquakes and etc. but I don't consider that to be true "emergency" use.

OK, enough of that....

Oh, just FYI, much of what has been said about the little 817 also applies to the FT-100, keeping in mind the size and power differences. Both are nice little rigs that will do one heck of a lot..... but if I had the room in this RV I'd have my 1000MP any day. I got my FT-100 when they first came out, have NEVER made a QSO on 430, only 3 or 4 on 2m and 3 on 6m. I keep saying that someday I'm going to play around with 2m CW for the heck of it..... :-)

OK, back in my hole.....

Ron, KU7Y
ku7y@qsl.net
"The two most common elements in the
universe are hydrogen and stupidity"!

Date: Tue, 10 Dec 2002 05:34:53 +0000
From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: k2jq@rcn.com, qrp-1@lehigh.edu
Subject: [141843] Re: The ARRL Handbook and Questions and Answers
Message-ID: <F64f7zynrvD0v5y4Fyp00000583@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Dick wrote:
>Ebay is an EXCELLENT place to buy Amateur Radio related books. Limited
>demand for them -- I paid \$2 for the 1975 edition -- the shipping cost

> >more than the book !
>

I concur.. I have bought a bunch of them on Ebay and the prices are not too bad for the "recent" ones. By recent, I mean anything from 1950 on <grin>. The really older ones can fetch a premium price! I am slowly building my "collection" of Handbooks up from 1950 on up. Just got a couple from the early '60's for a total of \$21 including shipping.

72 es oo

Dennis - WB0WAO

NJQRP #329 - FPQRP #-347 - SOC #499
GACW #622 - ARS #1363
FISTS # 9299
Michigan DX Association

Protect your PC - get McAfee.com VirusScan Online
<http://clinic.mcafee.com/clinic/ibuy/campaign.asp?cid=3963>

Date: Mon, 9 Dec 2002 22:14:48 -0700
From: "John Stevens" <jwsteven@concentric.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [141844] RE: FT-817
Message-ID: <003901c2a00b\$105b52a0\$0201a8c0@k5js.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

About the best description of the FT-817 I have heard is from W5QJ, "The 817 is the Swiss Army knife of radios..."

Enjoy.

73 john k5js
peoria, az

Date: Tue, 10 Dec 2002 00:48:52 -0500
From: Pete Burbank <plburbank@kih.net>
To: k5di@zianet.com,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [141845] Re: FOX: Oh Dear!
Message-ID: <5.0.2.1.0.20021210004124.00a11c20@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Karl,
Why don't you dummy up an NVIS. I think about 20 feet off the ground is a good number.
Supposedly you can lay a bit longer piece of wire under it as a reflector. If he is running something other than a vertical, he might hear you.
73
Pete NV4V Ky

At 10:47 PM 12/9/2002, Karl F. Larsen wrote:

> I went to the web page and then to QRZ and discover I can spend
>the entire 2 hours next Thursday on working Ron W8RU who is in MI.
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>
>
>
>--
>
> - Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Mon, 9 Dec 2002 21:55:48 -0800
From: "Trevor Jacobs" <kg6cyn@earthlink.net>

To: <enders@bolshoi.cc.misu.nodak.edu>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [141846] Re: FT-817 (*Long*)
Message-ID: <006401c2a010\$cd226720\$d813f4d8@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well Said Todd!,

I agree 100% and have to agree that once you get used to it, it's a pretty neat little rig. BTW the AM isn't too bad on this rig either. I've used it to check in with the AM crowd when camping and portable. The only complaint I have about it is that I didn't home brew it, Hi!

73's Trev KG6CYN
<http://home.earthlink.net/~kg6cyn>
<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Monday, December 09, 2002 7:26 PM
Subject: Re: FT-817 (*Long*)

>
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> FT-817 isn't *nearly* as bad as some of the pundits here and
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>
> 72/73,
>
> Todd, AG0T

Date: Tue, 10 Dec 2002 00:59:37 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: johan_smet@pandora.be,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [141847] Re: Airplane scatter
Message-ID: <5.2.0.9.2.20021210005852.01fde9b8@pop.earthlink.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

I once did it on 10M. It does work.

At 07:31 PM 2002-12-09, Johan Smet wrote:

>Hi Gents,

>

>Anyone tried Doppler tracing on HF/VHF? See

><http://www.qsl.net/g3cwi/doppler.htm>

>

>73,

>

>Johan ON5EX

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY

189 Pioneer Trail

Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;

SEDXC NCDXA GACW QRP-ARCI

OK-QRP QRP-L #758 K2 (FT) #00057

Date: Mon, 9 Dec 2002 22:07:37 -0800

From: "Trevor Jacobs" <kg6cyn@earthlink.net>

To: <plburbank@kih.net>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [141848] Re: FOX: Oh Dear!

Message-ID: <007201c2a012\$70ac7100\$d813f4d8@tjacobs>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Karl,

I was going to suggest the same thing. Get a low flying 40 meter dipole
up 15' to 20' and it'll help with the close in stations...I've tried

that here and it works well...Take care...

73's Trev KG6CYN

<http://home.earthlink.net/~kg6cyn>

<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: Pete Burbank <plburbank@kih.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Monday, December 09, 2002 9:48 PM

Subject: Re: FOX: Oh Dear!

> Karl,

> Why don't you dummy up an NVIS. I think about 20 feet off the ground is a

> good number.

> Supposedly you can lay a bit longer piece of wire under it as a reflector.

> If he is running something other than a vertical,

> he might hear you.

> 73

> Pete NV4V Ky

>

> At 10:47 PM 12/9/2002, Karl F. Larsen wrote:

>

> > I went to the web page and then to QRZ and discover I can spend

> >the entire 2 hours next Thursday on working Ron W8RU who is in MI.

> >

> > The second Fox is David WD7Z who moved to Tijeres, NM to make

> >certain I can't work him. Tijeres is almost exactly the same number of

> >miles from me as is Tucson, AZ, and I heard not a single sound last

> >Thursday, and that Fox did not hear me the Thursday before. There are 3

> >Fox stations that are about 200+ miles apart from each other and it's

> >likely we will never work each other.

> >

> > 200 miles is too close for skip and too far for ground wave.

> >

> > As Bill Gates said again: the world is not fair, get used to it.

> >

> >

> >

> >--

> >
> > - Karl Larsen k5di Las Cruces, NM Az ScQRPions -
>
>
>

Date: Tue, 10 Dec 2002 01:11:46 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [141849] Re: Airplane scatter
Message-ID: <5.2.0.9.2.20021210010927.01fd6f78@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I should have mentioned that it was with a friend who lived miles from me, and we maintained "contact" on the telephone, coordinating our transmissions/etc. It was his idea, and cleverness that accomplished the deed. Quite interesting.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Tue, 10 Dec 2002 01:21:58 -0400
From: "Prof. Arnaldo Coro Antich" <inforhc@ip.etcscu>
To: <kimbrell@sdf.lonestar.org>
Cc: <qrp-l@lehigh.edu>
Subject: [141850] Re: FT-817

Message-ID: <00a201c2a00c\$10913a40\$02000a0a@user>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Dear amigo:

As the FT-817 has become quite interesting I may add a few more comments...

Read my original posting and see I made no comments about the 817's abilities ... Just my thoughts about the radio after studying it very carefully and operating it a lot.

YES ! I do enjoy using it, but it certainly could be improved in many aspects.

For those interested in MOSFET power amplifier transistors ratings as they apply to the 817, please take a look at the devices used ...

For those wondering how 3dB of extra power out fed to the antenna could make a difference ... my invitation to share the next hurricane emergency net with me, and see in actual practice that those 3 dB may make a lot of difference indeed !!!

The FT-817's menus, both the one accessed with one beep, and the two beep one to put it in easy to understand terms are definately NOT USER FRIENDLY, in the season of the logical sequence...

I am sure that the radio was designed primarily for the characteristics of the Japanese internal market, something I learned from Yaesu executives some time ago. Although American English may be well written, the logical sequencing of functions accessed is absolutely absent.

As regards to the filters, I agree that ceramic filters at 455 kiloHertz IF are today much better than 20 years ago, but the all important shape factor is not what one would like at all...

NO ONE has ever designed a radio to please EVERY USER... the merit of the FT-817 designers is , without any doubts, that they designed a general purpose transceiver that works from 160 meters all the way up to 70 centimeters , its ALL MODE, compact, and that by achieving very succesful sales figures are making possible lower and lower prices for this particular ALL MODE radio.

I do enjoy using the FT-817 a lot !!!

BUT STILL wish to participate in the re-design or to put it in other terms ""optimizing"" team if YAESU-VERTEX ever decides to invite some users to form part of it...

It is certainly nice to see the QRP-L list revive and bring in more QRP related traffic that has generated and will probably continue to generate some very interesting comments...

About those who don't like what others say.... well, that's part of life ! Can you imagine how dull things would be if everyone thought exactly alike ???

AND one final comment... adding a ground radial connected directly to the case of the FT-817 certainly improves its performance on the 6, 2 and 70 centimeter bands (yes, I am talking of a wire, preferably 0.25 wavelength

long to act as a counterpoise for the radio's helically wound short factory provided vertical installed to the front panel BNC antenna connector...

Any more comments ???

Any operating tips ???

Anyone has a spare low cost mechanical filter for SSB ???

72 and DX

Hear me around 28.060 kHz with the 817 when 10 is open !!!

Arnie Coro

C02KK

----- Original Message -----

From: "Robert M. Kimbrell" <kimbrell@sdf.lonestar.org>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Monday, December 09, 2002 11:05 PM

Subject: Re: FT-817

> On Mon, 9 Dec 2002 Hal553@aol.com wrote:

> >

> > Santa has told me that he will bring me an FT-817 for Christmas. I just read

>

> I agree with Arnie on every point yet the rig is a blast to use portable.

> Last weekend I operated pedestrian mobile on 17 meters from a hamfest in

> Arizona. I worked 12 states plus 6Y5 while walking around the hamfest.

> All that was on the internal batteries (1800 mah AA's NiMH from Wal Mart).

> The rig will only run about 30 minutes on Alkalines but I get 3 to 4 hours

> on the NiMH's.

>

> Bob Kimbrell W7KU Kingman, Arizona

> kimbrell@freeshell.org

> <http://kimbrell.freeshell.org/>

> SDF Public Access UNIX System - <http://sdf.lonestar.org>

>

>

Date: Mon, 9 Dec 2002 23:40:36 -0700

From: "John McClain" <digi2@earthlink.net>

To: <enders@bolshoi.cc.misu.nodak.edu>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [141851] Re: FT-817 (*Long*)

Message-ID: <001601c2a017\$0c4f22c0\$6701a8c0@laptop2>

MIME-Version: 1.0

Content-Type: text/plain;

charset="Windows-1252"

Content-Transfer-Encoding: 7bit

So what do I do? My FT-817 might be here by the end of the week. Do I call the big brown truck and tell it not to stop or what? Most of you seem to think highly of your 817, some are still sitting on the fence and there are others who appear to be anti 817. I have been reading the PDF files that some of you sent me so I am all set to start working some rare DX.

John
K7SVV
k7svv@arrl.net
K1 #1378, K2 #2569, SST 20, Rock Mite 20, Rock Mite 40, Nor'Easter

Date: Tue, 10 Dec 2002 01:48:18 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: digi2@earthlink.net,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [141852] Re: FT-817
Message-ID: <5.2.0.9.2.20021210014553.02071e28@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi John... with few exceptions, every reflector has the same pros & cons for almost every rig/concept/antenna/etc. etc.. The K2 has enjoyed the best user remarks of any radio I have seen... but as Arnie said, it would be a dull world w/o contrasting opinions.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Mon, 9 Dec 2002 23:02:01 -0800
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: <digi2@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [141853] Re: FT-817 (*Long*)
Message-ID: <00a801c2a01a\$0b164d40\$d813f4d8@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

John,

Use the rig and enjoy it. It's a fun little rig that you'll get lots of enjoyment out of! Don't listen to any opinions too much, play with the rig and make your own. I find it to be a pleasant rig to play with. GL with it and take care...

73's Trev KG6CYN
<http://home.earthlink.net/~kg6cyn>
<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: John McClain <digi2@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Monday, December 09, 2002 10:40 PM
Subject: Re: FT-817 (*Long*)

> So what do I do? My FT-817 might be here by the end of the week. Do
> I call the big brown truck and tell it not to stop or what? Most of
> you seem to think highly of your 817, some are still sitting on the
> fence and there are others who appear to be anti 817. I have been
> reading the PDF files that some of you sent me so I am all set to
> start working some rare DX.
>
> John
> K7SVV
> k7svv@arrl.net
> K1 #1378, K2 #2569, SST 20, Rock Mite 20, Rock Mite 40, Nor'Easter
>
>

Date: Tue, 10 Dec 2002 08:32:25 +0100
From: "Juanjo Pastor" <ec5aca@wanadoo.es>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [141854] ARRL Handbook
Message-ID: <01af01c2a01e\$73ffc440\$250f253e@fer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hello from Spain,

Has anyone got a moderately old (80's or 90's) handbook and is willing to part with it? I am "on the dole" now but I would pay shipping via USPS surface mail if so. I do own copies of Solid State Design for the radioamateur and W1FB QRP and design handbooks (I purchased them when I had a job...) and a handbook should be a nice addition to my private library. TIA.

73, 72 de Juanjo, EA5CHQ-EC5ACA. EA-QRP #104, G-QRP #9742,
QRP-L #1662.

Juanjo Pastor
C/San Roque, 4-1=BA
46460 Silla
SPAIN

e-mail: ea5chq@wanadoo.es
Tel.: +034 96 120 17 67
Movil: 651 35 35 11

Date: Tue, 10 Dec 2002 01:42:30 -0600
From: "George, W5YR" <w5yr@att.net>
To: <digi2@earthlink.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [141855] Re: FT-817
Message-ID: <014301c2a01f\$b26b4500\$0201a8c0@fairviewtx.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

John, the only person whose opinion matters in all this is yours.

Start using the 817 with an open mind, trying to forget all the rhetoric pro and con that has appeared here. Doubtlessly you will find some things that fascinate you and that you like very much. Equally likely there will be a few things that irritate or frustrate you.

I guess the 817 experience is a good metaphor of life in general . . .

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas

In the 57th year and it just keeps getting better!

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe

K2 #489 IC-765 #2349 IC-756 PRO #2121 IC-756 PRO2 #03235

----- Original Message -----

From: "John McClain" <digi2@earthlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Tuesday, December 10, 2002 12:40 AM

Subject: Re: FT-817 (*Long*)

> So what do I do? My FT-817 might be here by the end of the week.

Do

> I call the big brown truck and tell it not to stop or what? Most of

> you seem to think highly of your 817, some are still sitting on the

> fence and there are others who appear to be anti 817. I have been

> reading the PDF files that some of you sent me so I am all set to

> start working some rare DX.

>

> John

> K7SVV

> k7svv@arrl.net

> K1 #1378, K2 #2569, SST 20, Rock Mite 20, Rock Mite 40, Nor'Easter

Date: Tue, 10 Dec 2002 03:15:06 -0500

From: "Terres Family" <terresfm@ncia.net>

To: <qrp-l@lehigh.edu>

Subject: [141856] Re: FT-817

Message-ID: <000001c2a024\$40045dd0\$c682f3ce@amdexp2100>

MIME-Version: 1.0

Content-Type: text/plain;
charset="us-ascii"

Content-Transfer-Encoding: 7bit

2 questions:

How come no 1.25 meters?
Where's the best place for Santa to get one?

72
jerry aa1of

Date: Tue, 10 Dec 2002 00:57:27 -0800 (PST)
From: Scotty Wright <zydeco9214@yahoo.com>
To: w5yr@att.net, Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [141857] Re: FT-817
Message-ID: <20021210085727.46209.qmail@web41201.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello
I have a FT-817. For nearly the past two years it has been my primary rig. Yes it has some drawbacks. Most recently the finals went out. It is headed back to Yaesu now. Despite this it has been one of the funnest rigs i have owned since novicehood. It is small and portable. There are all kinds of aftermarket accessories and it's utility is unlimited. For a through discussion of the FT-817 join the FT-817 discussion group at Yahoo. It has thousand of messages relating to the rig and hundreds of files to download. It is a "appliance rig" but you can do some modifications. Unfortunately modifications seem to be the cause of some of the rig failures and problems.
72 de wb5tla k

--- "George, W5YR" <w5yr@att.net> wrote:
> John, the only person whose opinion matters in all
> this is yours.
> Start using the 817 with an open mind, trying to
> forget all the
> rhetoric pro and con that has appeared here.
> Doubtlessly you will find
> some things that fascinate you and that you like
> very much. Equally
> likely there will be a few things that irritate or
> frustrate you.
>
> I guess the 817 experience is a good metaphor of

> life in general . . .
>
> 73/72, George
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> In the 57th year and it just keeps getting better!
> Fairview, TX 30 mi NE of Dallas in Collin county
> EM13qe
> K2 #489 IC-765 #2349 IC-756 PRO #2121 IC-756 PRO2
> #03235
>
> ----- Original Message -----
> From: "John McClain" <digi2@earthlink.net>
> To: "Low Power Amateur Radio Discussion"
> <qrp-l@Lehigh.EDU>
> Sent: Tuesday, December 10, 2002 12:40 AM
> Subject: Re: FT-817 (*Long*)
>
>
> > So what do I do? My FT-817 might be here by the
> end of the week.
> Do
> > I call the big brown truck and tell it not to stop
> or what? Most of
> > you seem to think highly of your 817, some are
> still sitting on the
> > fence and there are others who appear to be anti
> 817. I have been
> > reading the PDF files that some of you sent me so
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> > start working some rare DX.
> >
> > John
> > K7SVV
> > k7svv@arrl.net
> > K1 #1378, K2 #2569, SST 20, Rock Mite 20, Rock
> Mite 40, Nor'Easter
>
>

=====

Scotty Wright
WB5TLA
ICQ # 5907718
QRP-L # 2361
QRP ARCI #10970
ARS #1130

Do you Yahoo!?

Yahoo! Mail Plus - Powerful. Affordable. Sign up now.

<http://mailplus.yahoo.com>

Date: Tue, 10 Dec 2002 01:08:19 -0800 (PST)

From: Scotty Wright <zydeco9214@yahoo.com>

To: QRP-L <qrp-l@lehigh.edu>

Cc: wb5tla@cox.net, Tom Whalen <wb5qyt@abq.com>

Subject: [141858] FT-817 Discussion group on Yahoo GREAT FAQ

Message-ID: <20021210090819.17874.qmail@web41202.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

The following was quoted from the FT817 group home page. SW

<http://groups.yahoo.com/group/FT817/>

The first, largest and most comprehensive group discussing the cool little portable QRP HF VHF UHF AM FM SSB CW Digital FT817 radio from Yaesu. All are welcome to express enthusiasm, speculation and questions. Civility is very important here in the group. A phenomenal Frequently Asked Questions file is available, also in Spanish. Click here for a great FAQ on the FT-817 And by request: Click Here: Read the FT817 Group archives for members - No Advertising!!!
KEY WORDS FT-817 FT817 ft817 ft-817 QRP qrp YAESU
Yaesu yaesu Yeasu yeasu HF VHF UHF 2M 6M 10M 12M 15M 17M 20M 30M 40M CW SSB Amateur amateur ham HAM radio
Vertex Standard portable backpack PM DX DXing
pedestrian Pedestrian antenna antennas

=====

Scotty Wright

WB5TLA

ICQ # 5907718

QRP-L # 2361

QRP ARCI #10970

ARS #1130

Do you Yahoo!?

Yahoo! Mail Plus - Powerful. Affordable. Sign up now.

<http://mailplus.yahoo.com>

Date: Tue, 10 Dec 2002 13:20:54 +1100
From: "Ian C. Purdie" <ianpurdie@integritynet.com.au>
To: Flying Pigs <fpqrp-1@fpqrp.com>, QRP-L <qrp-1@lehigh.edu>
Subject: [141859] Re: [fpqrp] Excess parts - Sorry about previous post
Message-ID: <3DF54F86.61752764@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

brian wrote:

> Sorry....I forgot one other item.
>
> I have 700 excess pcs of 5.000 Mhz crystals. These are the miniture
> crystals like you see in the latest QRP Quarterly. Tiny round
> crystals with two wire leads, I think I've seen these in watches. If
> we ever get 60m these could be a lot of fun.
>
> I'm asking 100 for \$6.00 or 50 for \$4.00 shipped to the USA.

Could be ideal for home brew crystal filters. Wes Hayward wrote some brilliant articles.

72/73's

Ian C. Purdie
Budgewoi N.S.W. Australia - Co-ords S33 14', E151 34'
VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 FP#91
<http://www.electronics-tutorials.com/>

Date: Tue, 10 Dec 2002 05:47:46 -0500
From: John Seney <wd1v@amsat.org>
To: qrp-1@lehigh.edu
Subject: [141860] FS: Mint Ten-Tec Omni V
Message-ID: <p05100300ba1b7687796e@[24.147.74.227]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Final Call before going to eBay December 15th, 2002

Absolutely mint Ten Tec Omni V with all filters, operator manual, DC power cable. No mods - absolutely perfect.

<http://www.qsl.net/wd1v/PixGallery/pictures/hamomniv.jpg>
(representative picture from eBay)

\$825.00 shipped UPS insured to any USA address.
Certified Cashiers Check or Money Order.

72/73

John Seney, WD1V [FN42]
QRP ARCI 10345 K2 #1388
FIST #5014 CC: 1151
<http://www.qsl.net/wd1v>

Date: Tue, 10 Dec 2002 06:23:36 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <digi2@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [141861] Re: FT-817 (*Long*)
Message-ID: <004601c2a03e\$a9190180\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> So what do I do? My FT-817 might be here by the end of the week. Do
> I call the big brown truck and tell it not to stop or what? Most of
> you seem to think highly of your 817, some are still sitting on the
> fence and there are others who appear to be anti 817. I have been
> reading the PDF files that some of you sent me so I am all set to
> start working some rare DX.

Are you serious? It'll be your new toy and you'll love it!

Show me a perfect radio (other than my K2!). Well, even there...
Seriously, I want one. Because I'd be using it for different purposes
than the K2. Ask yourself, do you want this as your only HF radio?
If so, it's ok. But, if you want or desire any of the other features,
then as a package it's hard to beat.

Mike

Date: Tue, 10 Dec 2002 03:43:22 -0800 (PST)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: terresfm@ncia.net,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [141862] Re: FT-817
Message-ID: <20021210114322.24364.qmail@web14203.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi Jerry,

First, no 1.25 meters in the home country. This rig was intended for the home country only. It has gone world wide because of pressure from the world market when we all found out about it.

Where to get one, pick up the phone and call your nearest dealer, AES, HRO, etc.

73, Bill kc4atu

Do you Yahoo!?
Yahoo! Mail Plus - Powerful. Affordable. Sign up now.
<http://mailplus.yahoo.com>

Date: Tue, 10 Dec 2002 07:00:07 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <w2eb@twcnny.rr.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [141863] Re: PCB Drilling Question
Message-ID: <00c001c2a043\$cd343940\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> My trusty old set of flat drill bits is truly starting to show it's
> age. I used this set to "grind" away copper from the holes on the
> ground plane of the top side of a double-sided PCB.
> I've searched high and low for a similar set, or even individual
> bits, but had no luck.

You might consider using some small router bits. They commonly have 'flat' ends for smooth cuts. Or even cupped ends. Dremel makes some for their high speed tools. Size selection will be limited though.

Mike

Date: Tue, 10 Dec 2002 07:30:09 -0500
From: kwike@gdls.com
To: qrp-1@lehigh.edu
Subject: [141864] Michigan QRP Net Tonight
Message-ID: <OFF9FEF70D.6B581A30-ON85256C8B.00447CBE@gdls.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

We had eight checkins last week from four states.
The Michigan QRP Net meets each Tuesday night at 9:00 PM Eastern time on
3.535 MHz.
All Hams are welcome

Ed AB8DF

Date: Tue, 10 Dec 2002 05:41:28 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Pete Burbank <plburbank@kih.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [141865] Re: FOX: Oh Dear!
Message-ID: <Pine.LNX.4.44.0212100536490.1262-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Pete, my dipole is not very high and I did hope It would hear Tucson
but it didn't. I used my "killer vertical" most of the time when I was
Fox. I think the other 2 Foxes use a vertical too. They ARE good for the
long haul.

On Tue, 10 Dec 2002, Pete Burbank wrote:

> Karl,
> Why don't you dummy up an NVIS. I think about 20 feet off the ground is a
> good number.
> Supposedly you can lay a bit longer piece of wire under it as a reflector.
> If he is running something other than a vertical,
> he might hear you.

> 73
> Pete NV4V Ky
>
> At 10:47 PM 12/9/2002, Karl F. Larsen wrote:
>
> > I went to the web page and then to QRZ and discover I can spend
> >the entire 2 hours next Thursday on working Ron W8RU who is in MI.
> >
> > The second Fox is David WD7Z who moved to Tijeres, NM to make
> >certain I can't work him. Tijeres is almost exactly the same number of
> >miles from me as is Tucson, AZ, and I heard not a single sound last
> >Thursday, and that Fox did not hear me the Thursday before. There are 3
> >Fox stations that are about 200+ miles apart from each other and it's
> >likely we will never work each other.
> >
> > 200 miles is too close for skip and too far for ground wave.
> >
> > As Bill Gates said again: the world is not fair, get used to it.
> >
> >
> >
> >--
> >
> > - Karl Larsen k5di Las Cruces,NM Az ScQRPions -
>
>
>
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Tue, 10 Dec 2002 06:54:21 -0600
From: Karl Kanalz <kkanalz@gcecispc.com>
To: "'digi2@earthlink.net'" <digi2@earthlink.net>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [141866] RE: FT-817 delivery
Message-ID: <01C2A019.01DA3760@KKKANALZ>

John,
If I were you (which I'm not!), I'd be standing out in the road, ready to
flag down the "Brown Truck" and take delivery of your FT-817! It's a fine
rig, and never mind the "nay-sayers" !!

Karl K - W8TIF
McKinney, Texas

P.S. Disclaimer: it's not an FT-1000D or a PRO II or an IC-781, but then, John, it wasn't designed to BE one of those radios!

-----Original Message-----

From: John McClain [SMTP:digi2@earthlink.net]
Sent: Tuesday, December 10, 2002 12:41 AM
To: Low Power Amateur Radio Discussion
Subject: Re: FT-817 (*Long*)

<< File: ATT00001.txt; charset = Windows-1252 >>

Date: Tue, 10 Dec 2002 06:20:40 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [141867] FOX: Larsen's theory
Message-ID: <Pine.LNX.4.44.0212100612230.1262-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I am watching the sun's activities and I think when the index numbers take on values the sun's effects on propagation can be predicted. "My theory" is that when the A index drops below 5, short range comms on 40 meters is possible. The solar numbers this morning are as follow:

SFI:156 A:5 f1m 6 K:2 f1m 1 (10 nT) 0000 10 Dec
Frcst: No SWX storms are expected next 24h.
Obs: No SWX storms were observed last 24h.

I don't care what the SFI is, but I want A < 5 and K < 3 for good near in communications. We are almost there this Tuesday. Everyone think good thoughts.

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Tue, 10 Dec 2002 08:27:13 -0500

From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [141868] Re: FT-817
Message-ID: <3DF5EBB1.C10E6DE2@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

"Prof. Arnaldo Coro Antich" wrote:

> I am sure that the radio was designed primarily for the characteristics of
> the Japanese internal market, something I learned from Yaesu executives some
> time ago. Although American English may be well written, the logical
> sequencing of functions accessed is absolutely absent.

You may wonder if Japanese hams operate that different from hams outside
of Japan if the Japanese market requirements are the reasons which
determined the sequence of menu items. I'd think they operate their rigs
no different than any other ham.

> It is certainly nice to see the QRP-L list revive and bring in more QRP rela
> ted traffic that has generated and will probably continue to generate some
> very interesting comments...

There's tons of QRP related traffic on this list, just not all about the
wholly grail of QRP, the FT-817. Just like with rigs and its features,
not every message on this list will appeal to everyone.

73,
--Alex KR1ST

Date: Tue, 10 Dec 2002 06:26:58 -0700
From: Dan Tayloe <dtayloe@cox.net>
To: qrp-l@lehigh.edu
Subject: [141869] Re: [fpqrp] Excess parts - Sorry about previous post
Message-ID: <3DF5EBA2.C9110840@cox.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>> Sorry....I forgot one other item.

>>

>> I have 700 excess pcs of 5.000 Mhz crystals. These are the miniture
>> crystals like you see in the latest QRP Quarterly. Tiny round
>> crystals with two wire leads, I think I've seen these in watches. If
>> we ever get 60m these could be a lot of fun.

>>
>> I'm asking 100 for \$6.00 or 50 for \$4.00 shipped to the USA.
>
>Could be ideal for home brew crystal filters. Wes Hayward wrote some brilliant
>articles.

5 MHz is not a good frequency for an IF crystal filter. WWV has a
pretty strong
signal on that frequency and it tends to bleed through the front end.

Been there, done that. Oh, well.....

- Dan Tayloe, N7VE; Phoenix, Az; Az ScQRPions

Date: Tue, 10 Dec 2002 08:45:59 -0500
From: Ed Lawson <k1vp@grizzly.com>
To: kr1st@amsat.org
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [141870] Re: FT-817
Message-ID: <3DF5F017.3040702@grizzly.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Alex wrote:

>You may wonder if Japanese hams operate that different from hams outside
>of Japan if the Japanese market requirements are the reasons which
>determined the sequence of menu items. I'd think they operate their rigs
>no different than any other ham.

>
>
>

I have no data on this specific issue, but I believe one should not make
that assumption quickly. After all, in many parts of the world people
would find it difficult to believe that some people read pages left to
right or even top to bottom for that matter. Consequently, what would
seem a logical and natural flow of menu options might well be very
different for them than it would for you and I.

Ed Lawson
K1VP

Date: Tue, 10 Dec 2002 08:53:16 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [141871] Re: FT-817 (*Long*)
Message-ID: <5.1.1.6.1.20021210083941.00a79ec0@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 11:40 PM 12/9/2002 -0700, you wrote:

>So what do I do? My FT-817 might be here by the end of the week. Do
>I call the big brown truck and tell it not to stop or what? Most of
>you seem to think highly of your 817, some are still sitting on the
>fence and there are others who appear to be anti 817. I have been
>reading the PDF files that some of you sent me so I am all set to
>start working some rare DX.

John,

You're suffering from information overload. Sit down, take a deep breath, and think about fuzzy bunnies for a minute. (Grin)

When faced with a pile of opinions, I find it useful to consider who is giving them. Is it from someone I respect? Is it from someone I even know? You don't know me, so my opinion should carry very little credibility. The same is probably true of most of the other opinions you've read.

If any of them come from people you -do- know and respect, then ask yourself if their opinion comes from experience that applies to your situation. If your Elmer is a big-gun contester and he says the FT-817 is worthless, that's fine. But if you're planning on taking it camping and not worried about scoring in the top 5, maybe his opinion doesn't count for as much.

From your sig it looks like you've got a stack of radios already, so you'll have a basis for comparison. But you need a radio to make the comparison and form your own opinions. You've already made the decision to order the thing - why not go with that unless you have an overwhelming reason NOT to? I suspect you won't have much trouble selling it if you decide it's not for you.

Asking for opinions is a good idea, but it's up to you to decide if they're of any value.

Dave

A Real Programmer can write FORTRAN in any language.

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Tue, 10 Dec 2002 09:01:20 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [141872] Re: FT-817
Message-ID: <5.1.1.6.1.20021210085537.00a6aec0@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:27 AM 12/10/2002 -0500, you wrote:

>"Prof. Arnaldo Coro Antich" wrote:

>

> > I am sure that the radio was designed primarily for the characteristics of
> > the Japanese internal market, something I learned from Yaesu executives
> some

> > time ago. Although American English may be well written, the logical
> > sequencing of functions accessed is absolutely absent.

>

>You may wonder if Japanese hams operate that different from hams outside
>of Japan if the Japanese market requirements are the reasons which
>determined the sequence of menu items. I'd think they operate their rigs
>no different that any other ham.

Alex,

I suspect the menu sequence is an artifact of the software development
process for the radio's embedded controller. Menus are frequently managed
with data tables (lists), and when a new feature is added it's usually
easiest to just tack it on to the end of the table.

In "the biz" it's considered poor user-interface design, but consumers have
gotten so used to poor user interfaces the manufacturers don't seem to care
any more. People buy the stuff anyway.

Dave

A Real Programmer can write FORTRAN in any language.

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Tue, 10 Dec 2002 07:29:00 -0700
From: "Chris Trask" <chistrask@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [141873] Active Antennas
Message-ID: <005f01c2a058\$7c5c86c0\$59043b41@ctrask>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

While cruising the web yesterday for information on what's currently available in varactors, I ran across the following on active antennas:

<http://members.aol.com/MarkWA1ION/rl1rw1.pdf>

The design is a bit busy in some respects, but it's much better than most of the active antennas I've seen.

Chris

```

      /-----\
      /  What's all this  \
      / extinct stuff, anyhow? \
      \-----/
_ | /
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      \  "  "  \
      \  ( )  \
      \  '-| )__| :.  \
      \  | | | | \  '  \
      \  c__; c__; ' -.. ' > .__

```

High Performance Mixers and
Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: chistrask@earthlink.net
<http://www.home.earthlink.net/~chistrask>

Graphics by Loek Frederiks

Date: Tue, 10 Dec 2002 06:39:44 -0800
From: Mark Schoonover <schoon@amgt.com>
To: "'myetsko@insydesw.com'" <myetsko@insydesw.com>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [141874] RE: PCB Drilling Question
Message-ID: <BF889CEBEFD2D511B993009027F60ABE251B2D@AG-JASMINE-NT4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Another great supply for bits that can handle very hard material is as close as you dental supply place. Plenty of bits in just about any shape or form... Or, if you're in good with your local dental terrorist, s/he may give you some for free to try out. Mine did...

72

.mark

Date: Tue, 10 Dec 2002 14:42:47 -0500
From: "Juan Ferrari" <puntrad@usa.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [141875] Visit
Message-ID: <007501c2a084\$51d47300\$8d51f4d1@puntana.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang.

My daughter invited us to visit her for the holydays so I'm going to be in Bethesda, MD from tomorrow 12/11 till January 9. I would like to know if there is any "Toy store" around the area or any Ham activity planned for that time.

72

Juan - KG4FSN

Introducing NetZero Long Distance
1st month Free!
Sign up today at: www.netzerolongdistance.com

Date: Tue, 10 Dec 2002 06:49:24 -0800
From: <ac7a@earthlink.net>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [141876] Re: FOX: Oh Dear!
Message-ID: <Springmail.0994.1039531764.0.97506800@webmail.pas.earthlink.net>

Howdy,

In additon to my 5/16-wavelength vertical, I do have a very low 40 meter dipole. It is only 8 to 10 feet off the ground. My reason for installing it was that I hoped the low antenna would allow me to hear the close-in hounds, during the FOX hunts.

Well, I found that temporarily switching to the dipole during the hunts, as when K5DI (Karl) was the FOX, did nothing to improve my reception of him (we are about 200 miles distant). In fact, I did not hear him at any time, with either antenna, during his hunt.

During my last run as the FOX on 12/5, switching to the dipole did not improve the reception of any station. Besides, a few CA, NM and AZ stations did manage to catch me using the vertical, and they did have pretty good signals. The one AZ station was in Bisbee, which is about 70 miles from Tucson, as the crow flies. There are lots of mountains between us. Probably too far for ground wave communications on 40 meters.

I expect that this result is mostly due to the propagation conditions, and not the antenna attributes. Different ionsheric conditions, such as those had during the daytime, will produce a reliable path between Tucson and Las Cruces.

Since there is another FOX in NM this week, there is a fair chance I will not here him; if he is too close.

My \$0.02 worth...

Regards, Thomas - AC7A (Tucson)

On Tue, 10 Dec 2002 05:41:28 -0700 (MST) "Karl F. Larsen" <k5di@zianet.com> wrote:

>
> Hi Pete, my dipole is not very high and I did
> hope It would hear Tucson
> but it didn't. I used my "killer vertical" most

> of the time when I was
> Fox. I think the other 2 Foxes use a vertical
> too. They ARE good for the
> long haul.
>
>

Date: Tue, 10 Dec 2002 10:41:22 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <schoon@amgt.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [141877] Re: PCB Drilling Question
Message-ID: <006101c2a062\$9b33d620\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Another great supply for bits that can handle very hard material is as
close
> as you dental supply place. Plenty of bits in just about any shape or
> form... Or, if you're in good with your local dental terrorist, s/he may
> give you some for free to try out. Mine did...
>
> .mark

BOIL THEM in a tin can first. You don't know if they've been
sterilized...

But actually, I have a whole drawer full. Yes, they are nice, but not
NEAR as durable as you would think. Fine for soft plastics and wood
though if you take it REAL easy.

Mike

Date: Tue, 10 Dec 2002 09:38:31 -0600
From: KD5NWA <KD5NWA@mbayona.com>
To: digi2@earthlink.net,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [141878] Re: FT-817 (*Long*)
Message-ID: <5.2.0.9.0.20021210093354.00a80c68@pop.mbayona.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

While some might be grumbling about the FT-817 not being so perfect, you can be having a ton of fun with it. Just make sure your let the list know what your up to, that will make the complainers have something to grumble about Hi Hi.

Cecil 8-)
KD5NWA

At 12:40 AM 12/10/2002, John McClain wrote:

>So what do I do? My FT-817 might be here by the end of the week. Do
>I call the big brown truck and tell it not to stop or what? Most of
>you seem to think highly of your 817, some are still sitting on the
>fence and there are others who appear to be anti 817. I have been
>reading the PDF files that some of you sent me so I am all set to
>start working some rare DX.

>

>John

>K7SVV

>k7svv@arrl.net

>K1 #1378, K2 #2569, SST 20, Rock Mite 20, Rock Mite 40, Nor'Easter

Date: Tue, 10 Dec 2002 09:24:53 -0700 (MST)

From: "Karl F. Larsen" <k5di@zianet.com>

To: ac7a@earthlink.net

Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [141879] Re: FOX: Oh Dear!

Message-ID: <Pine.LNX.4.44.0212100918470.1887-1000000@bucket.dog>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Thomas, well said! Yes I could work you no problem at 3pm local time on 40 meters. When the sun goes down so does short skip on 40 meters. By 7pm local time it's been dark for 2 hours.

If my theory is correct for solar conditions that support short skip, we might see A < 5 and K < 3 this Thursday. I will listen for you Thomas and try to work/hear David in Tijeres which is near Albuquerque, NM.

On Tue, 10 Dec 2002 ac7a@earthlink.net wrote:

> Howdy,

>
> In additon to my 5/16-wavelength vertical, I do have a very low 40 meter
> dipole. It is only 8 to 10 feet off the ground. My reason for installing it
> was that I hoped the low antenna would allow me to hear the close-in hounds,
> during the FOX hunts.
>
> Well, I found that temporarily switching to the dipole during the hunts, as
> when K5DI (Karl) was the FOX, did nothing to improve my reception of him (we
> are about 200 miles distant). In fact, I did not hear him at any time, with
> either antenna, during his hunt.
>
> During my last run as the FOX on 12/5, switching to the dipole did not improve
> the reception of any station. Besides, a few CA, NM and AZ stations did manage
> to catch me using the vertical, and they did have pretty good signals. The one
> AZ station was in Bisbee, which is about 70 miles from Tucson, as the crow
> flies. There are lots of mountains between us. Probably too far for ground
> wave communications on 40 meters.
>
> I expect that this result is mostly due to the propagation conditions, and not
> the antenna attributes. Different ionsheric conditions, such as those had
> during the daytime, will produce a reliable path between Tucson and Las
> Cruces.
>
> Since there is another FOX in NM this week, there is a fair chance I will not
> here him; if he is too close.
>
> My \$0.02 worth...
>
> Regards, Thomas - AC7A (Tucson)
>
> On Tue, 10 Dec 2002 05:41:28 -0700 (MST) "Karl F. Larsen" <k5di@zianet.com>
> wrote:
>
> >
> > Hi Pete, my dipole is not very high and I did
> > hope It would hear Tucson
> > but it didn't. I used my "killer vertical" most
> > of the time when I was
> > Fox. I think the other 2 Foxes use a vertical
> > too. They ARE good for the
> > long haul.
> >
> >
>
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Tue, 10 Dec 2002 09:02:16 -0800
From: Mark Schoonover <schoon@amgt.com>
To: "'Mike Yetsko'" <myetsko@insydesw.com>,
Mark Schoonover <schoon@amgt.com>,
Subject: [141880] RE: PCB Drilling Question
Message-ID: <BF889CEBEFD2D511B993009027F60ABE251B2E@AG-JASMINE-NT4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

> BOIL THEM in a tin can first. You don't know if they've been
> sterilized...

Well, I meant buying them new, not getting them used from the DDS.

>
> But actually, I have a whole drawer full. Yes, they are nice, but not
> NEAR as durable as you would think. Fine for soft plastics and wood
> though if you take it REAL easy.

Not sure how much they cost, but would think they would last much longer
than stock drill bits.

.mark

Date: Tue, 10 Dec 2002 12:28:35 -0500
From: Steven Weber <kdljv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [141881] Too Easy
Message-ID: <3.0.6.32.20021210122835.007ba990@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Last night I cobbled together a PA for 160M, using a pair of IRF510's in
push pull, with a 2N7000 for a driver, which in turn has 6V square wave
drive. After a little tweaking of the output transformer and LPF, the darn
thing puts out 30 watts! Way too easy!

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Tue, 10 Dec 2002 11:37:31 -0800
From: "Richard Johnson" <richard_johnson@credence.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [141882] Rock mite Quest
Message-ID: <3DF6427B.4FC31928@credence.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does the Rockmite have RF gain control and/or , IF gain control and/or AGC?

cheers,
rich

Date: Tue, 10 Dec 2002 15:36:28 -0500
From: David Snowdon <norway@passport.ca>
To: qrp-l@lehigh.edu
Subject: [141883] FS: frequency meter, \$55US
Message-ID: <20021210153306.A606.NORWAY@passport.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

For sale is an OHR DD-1 50MHz frequency counter. This is a small unit with a sturdy metal case, with these features:

- 6 LED digits
- 100Hz to 50MHz range
- input voltage range of 70mV to 1V
- anti-jitter code
- 16 non-volatile programmable memories, each featuring:
 - 5 memories available from 2 push buttons on front panel, the 11 others can be selected via external wiring.
 - IF offsets from 1 to 50MHz

- forward or reverse counting
- automatic display enable when frequency changes
- digit blanking (for power conservation)
- 9 to 13.6Vdc, drawing from 40 to 100mA

This unit is in excellent condition, and comes with the manual and power cord.

The buyer pays the shipping costs (from Toronto, Canada). Payment can be made via PayPal or International Money Order (I can't accept personal cheques, domestic postal money orders, or bank money orders due to excessive remittance fees).

--

VA3DKS

David Snowdon <norway@passport.ca>

Date: Tue, 10 Dec 2002 15:33:51 -0500

From: brewerj@squared.com

To: qrp-l@lehigh.edu

Subject: [141884] WTB: QRP Quarterly, QRPP

Message-ID: <0FDE3EDE71.0B01C608-0N85256C8B.0070ED5A@CIS.SQUARED.COM>

MIME-Version: 1.0

Content-type: text/plain; charset=us-ascii

.... looking for a block of back issues...anyone need more shelfspace?

John wb5oau

Date: Tue, 10 Dec 2002 14:41:34 -0700 (MST)

From: "Karl F. Larsen" <k5di@zianet.com>

To: Richard Johnson <richard_johnson@credence.com>

Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [141885] Re: Rock mite Quest

Message-ID: <Pine.LNX.4.44.0212101440030.2258-100000@bucket.dog>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

You can add what's a RF gain control. I bought the pot at Radio Shack but have not installed it yet.

On Tue, 10 Dec 2002, Richard Johnson wrote:

> Does the Rockmite have RF gain control and/or , IF gain control and/or
> AGC?
>
> cheers,
> rich
>
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Tue, 10 Dec 2002 22:42:06 +0100
From: Ingo Meyer DK3RED <dk3red@gmx.net>
To: qrp-l@lehigh.edu
Subject: [141886] Re: Rock mite Quest
Message-ID: <5.1.1.6.1.20021210223703.00a03b60@pop.gmx.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello Rich,

>Does the Rockmite have RF gain control and/or , IF gain control and/or
>AGC?

<vbg> The Rock Mite use a direct-conversion receiver. No RF and/or RF gain control. Only the pure fun.

72/73 de Ingo, DK3RED Don't forget: the fun is the power!

dk3red@t-online.de <http://www.t-online.de/~dk3red>
DL-QRP-AG #824 <http://www.dl-qrp-ag.de>
QRP ARCI #11295 <http://www.qrparci.org>

Date: Tue, 10 Dec 2002 21:47:34 +0000

From: Larry Cahoon <lejek@erols.com>
To: enders@bolshoi.cc.misu.nodak.edu,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [141887] Re: FT-817 (*Long*)
Message-ID: <5.1.0.14.0.20021210214209.026ea478@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>
>to nothing (which in the case of the FT-817 is not the case). Anyone
>expecting to run any great length of time transmitting with a 1.5 AH
>pack with a commercial QRP rig is something of an optimist, IMHO.

Nothing against the 817 (I don't own one, have not seen it in action, and
someday I may get one) but I have to take issue with this statement given
that last January I ran in the NA QSO party to the tune of 200+ QSOs with
seven plus hours of operating time with one set of 10 NiMH AA batteries
charged prior to the event using a mix of the Wilderness Sierra, the K1,
and the K2 depending on the band. I regard these all as "commercial"
rigs. With the right rig these batteries can go a long way. There is a
brief write up of what I did up at my web site.

73 de Larry.....WD3P in MD
<http://www.wd3p.net/>

Date: Tue, 10 Dec 2002 17:37:57 -0500
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [141888] Another Fox "Rule of Thumb"
Message-ID: <3DF62675.24120.A5B342A@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

If the moon is in the seventh house, and Jupiter aligns with Mars, and
the Dow Jones Industrial average has gained at least 3 points, you can
work the Fox, IF you can hear him.

+---+---+---+---+ John L. Sielke
|W||2||A||G||N| <http://www.w2agn.net> [UPDATED]
+---+---+---+---+ Ex-K3HLU, TF2WKT, W7JEF, W4MPC, N4JS

Date: Mon, 9 Dec 2002 22:01:16 -0500
From: Rick McKee <kc8aon@juno.com>
To: qrp-l@lehigh.edu
Subject: [141889] Re: The almighty S unit Was: FT-817
Message-ID: <20021210.174208.8846.0.kc8aon@juno.com>

Just for comparison, I have included a list to show relation of power to S units with a 100 watt S9 signal as a reference. This is compliments of the Hamcalc software.

S1 = .002 WATTS

S2 = .006 WATTS

S3 = .024 WATTS

S4 = .098 WATTS

S5 = .391 WATTS

S6 = 1.563 WATTS

S7 = 6.250 WATTS

S8 = 25 WATTS

S9 = 100 WATTS REFERENCE LEVEL

S9+10DB = 1000 WATTS

S9+20DB = 10,000 WATTS

S9+30DB = 100,000 WATTS

Pretty interesting stuff !

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio
SW 40+, HW-8, Homebrew 6V6 tube TX & Surplus GRC 109 RX
Power is for punks ! QRP is for the confident !
QRP-L #2112, FPqrp #33, AR QRP #269

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Date: Tue, 10 Dec 2002 17:46:58 -0500
From: "Joe W2KJ" <w2kj@bellsouth.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [141890] F.S. FT-690RII 6M QRP transceiver
Message-ID: <001901c2a09e\$0c5a0be0\$220110ac@gateway.2wire.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Gang:

I have for sale one each FT690IIR 6M transceiver. This is a portable transceiver that can operate as a 2.5W QRP radio or put out 10W with its clip-on power amplifier. The radio comes with microphone, carrying case, battery case with nicads, clip-on power amplifier, whip antenna, mobile mounting bracket and charger wall-wart.

Will include in this package a spare 10W clip-on power amplifier all for \$325.00 plus shipping.

Thanks for reading and enjoy the hobby, Joe W2KJ

Date: Tue, 10 Dec 2002 16:14:49 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-1@lehigh.edu
Subject: [141891] FT-817 on batteries
Message-ID: <Pine.LNX.4.44.0212101609070.2355-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have this radio with 1 amp-hour internal and a 4.5 Amp-hour external battery. I can get about 2-3 hours with the internal battery and all day with the external battery. The FT-817 is not hard on batteries. But if you use it a lot it will use up a battery. I have done this using the radio on 2 meters on a 30 mile run and it was busy for 8

hours but never ran out of power.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Mon, 9 Dec 2002 18:39:13 EST
From: IamSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [141892] Re: KARL and Yaesu
Message-ID: <12f.1d254260.2b2683a1@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Karl,
I was reading your post.
How much do you know about the FT-100-D?
Reason I ask is I picked one up but the funny thing about the box it came in has me thinking.
The box had the big black bold printing saying it's a FT-100-D.
But they also have a very big glossy sticker,(a picture of the rig stuck to the box) and it says Micro Mobile rig FT-100.
Well i'm impressed with the rig and the SSB filter could be a bit tighter and the 500 hz CW filter is fine and seems to have steep skirts.
But I went for the optional 300hz CW filter and thats tight.
I read a lot about Guys not likeing the menues but I have the rig setup like I want to use it.
I called Yaesu and they gave me a lot of info.
For one thing the TCX0 is installed and the RX seems to have less noise then the ICOM MK-II-G.
The speaker is to small for a mobile rig but a trip to RS solved that.
Nice rig and I can still work QRP at 6.4 pounds.
73
Bob
AF2Q

Date: Tue, 10 Dec 2002 17:43:36 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [141893] RE: FT-817
Message-ID: <01C2A073.AB8812A0.nkennedy@tcainternet.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

The FT-817 is a terrible, terrible rig!

Now, can I have yours?

Gotcha!

72--Nick, WA5BDU

Date: Tue, 10 Dec 2002 18:46:21 -0500
From: "Joe W2KJ" <w2kj@bellsouth.net>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [141894] Re: F.S. FT-690RII 6M QRP transceiver
Message-ID: <002f01c2a0a6\$584494a0\$220110ac@gateway.2wire.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang:

I should have mentioned that the Yaesu FT690RII is a
multi-mode transceiver capable of SSB/CW/FM transmissions.

Sorry for the over-sight.

73, Joe W2KJ

> Howdy Gang:

>

> I have for sale one each FT690IIR 6M transceiver. This is a
> portable transceiver that can operate as a 2.5W QRP radio or
> put out 10W with its clip-on power amplifier. The radio
comes

> with microphone, carrying case, battery case with nicads,
> clip-on power amplifier, whip antenna, mobile mounting
bracket

> and charger wall-wart.

>

> Will include in this package a spare 10W clip-on power
> amplifier all for \$325.00 plus shipping.

>
> Thanks for reading and enjoy the hobby, Joe W2KJ
>
>

End of QRP-L Digest 2765
